

TRADE CATALOGUE



CONTENTS

WELCOME TO MOTORMAX

We have vast technical knowledge and installation experience. This enables us to offer the complete service from the procurement of the parts through to technical support. We have taken the time to develop a product range we can be proud of and our experience enables us to understand your requirements and develop equipment to suit.



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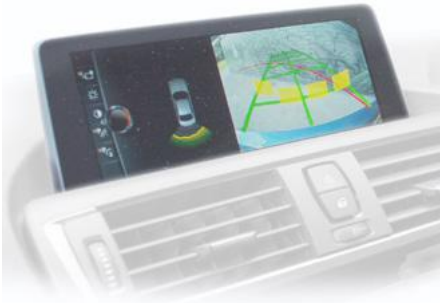
**SAFETY &
RECORDING**
8-50



**CAMERA
SOLUTIONS**
51-90



**MONITOR
SOLUTIONS**
91-99



**OEM CAMERA
INTEGRATION**
100-128



**PARKING
SENSORS**
129-135



**HEATED
SEATS**
136-137

SAFETYMAX

We can now offer a comprehensive range of audible and/or visual warning safety systems. They can display up to 9 warning images together with a voice prompt, informing the driver that something requires immediate attention before proceeding to drive.

These warning systems can be combined with our detection systems allowing for a flexible array of products for all requirements. Obstacle detection notification can be by way of camera overlay and/or our 360° parking sensor technology. This technology can be integrated into a factory OEM screen, or a universal display, to provide drivers the best all round solution for visibility whilst manoeuvring a vehicle.



Warning Alerts

We can provide 9 pre-programmed alert images that can be displayed on screen. These images are unique and can be designed in conjunction with the client. In addition there can be an optional voice prompt that can be provided as part of any solution. Once the alert has been actioned and resolved the screen will return to its normal display state.

Example Warnings:

"Shutter Door Open"

"Tail Lift Not Secure"

"Crane Not Stowed"

"Handbrake Disengaged"

Often these solutions are tailored for a bespoke client requirement.



Camera Overlay

Our technology allows us to provide a platform that looks like a factory fitted solution. We bring together camera viewing combined with our parking sensor technology, to give the driver enhanced visibility whilst manoeuvring a vehicle.

The solution offers 2 video inputs which can be triggered individually, thus allowing for 2 cameras (example: a rear and a side camera). If this is integrated with our DVR system, we can increase the camera triggers accordingly – up to a maximum of 8.



360° Detection System

We have specifically developed sensor solutions with the ambition to offer the safest, most informative sensor detection system in the UK.

This detection system uses anywhere from 4 to 16 ultrasonic sensors to provide the driver a clear indication of obstacles around the vehicle below a pre-defined vehicle speed.

The visual display uses a traffic light system at fixed points around the vehicle, allowing drivers of any nationality to understand the display and stay at a safe distance whilst manoeuvring.

Universal Fitment

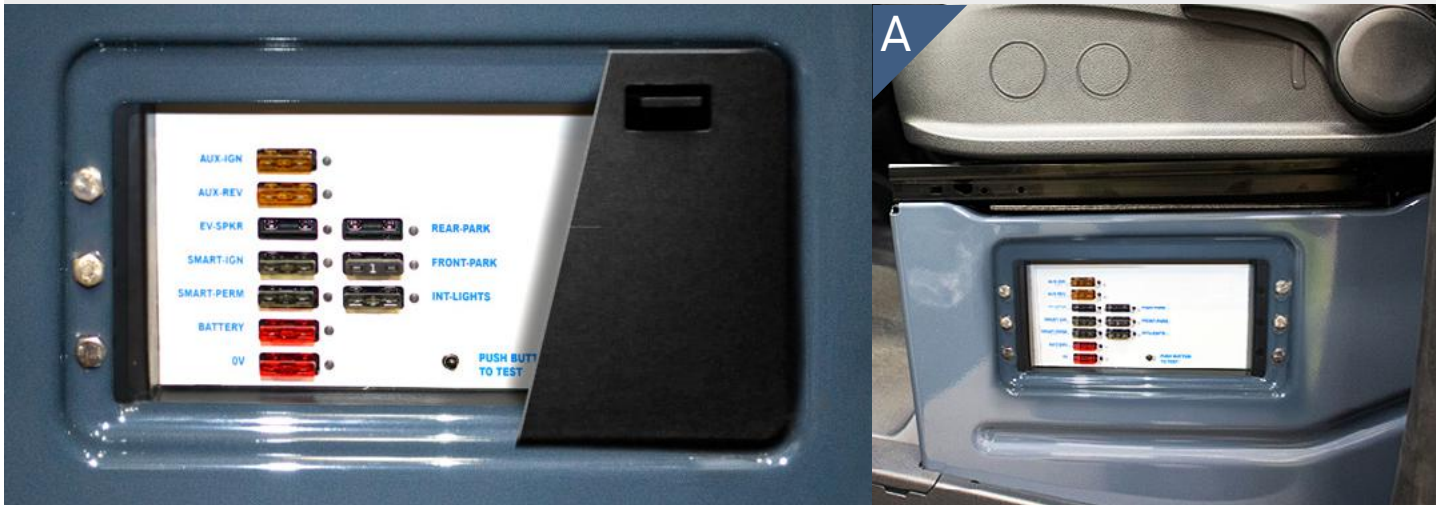
Through our continual R & D we have designed a safety solution with the largest scope in mind. We have thoroughly considered all end user requirements and designed fitments for all vehicle types. The images for warnings, alerts and camera view can be displayed on any aftermarket screen as well as a range of factory displays.



Power Distribution Unit

The fuse box supplies all of the components in the Plug & Play system. Each system has an LED beside the named fuse. As default, the LEDs are 'off'. If the system is energised, pushing the test button illuminates all of the functional circuit LEDs.

This is as opposed to a system which has every component fixed and fused individually. In this instance there would be no quick way of identifying a failed component. The Plug & Play method saves substantial maintenance time and cost and is a truly revolutionary approach.



Motormax fuse box controls are placed in easily accessible areas inside the vehicle. For example, within the Mercedes Sprinter the box is built into the base of the passenger seat behind a removeable protective cover (A). The entire system can also be enclosed within a purposely designed casing to protect components (B).

Plug & Play Wiring Looms

The Plug & Play loom has several major advantages over conventional vehicle wiring approaches. The loom contains pre-existing waterproof sockets and connectors allowing rapid click-connecting module attachment to the loom, leading to the following advantages:

- Minimises off-the-road time: Speed of install and component error analysis is unrivalled.
- Initial install time: Wiring time is saved due to the quick connection of all modules.
- High performance system: Our plug and play wiring systems have an extremely low failure rate.
- Error analysis time: LED indicators identify the failed unit instantaneously. This saves time and cost investigating the entire loom which can be quite inaccessible in places after body is installed. Plus, every issue is easily isolatable.
- Minimises installation margin of error: The loom is installed the same way every time and can only be connected one way creating a simple fit for a professional engineer.

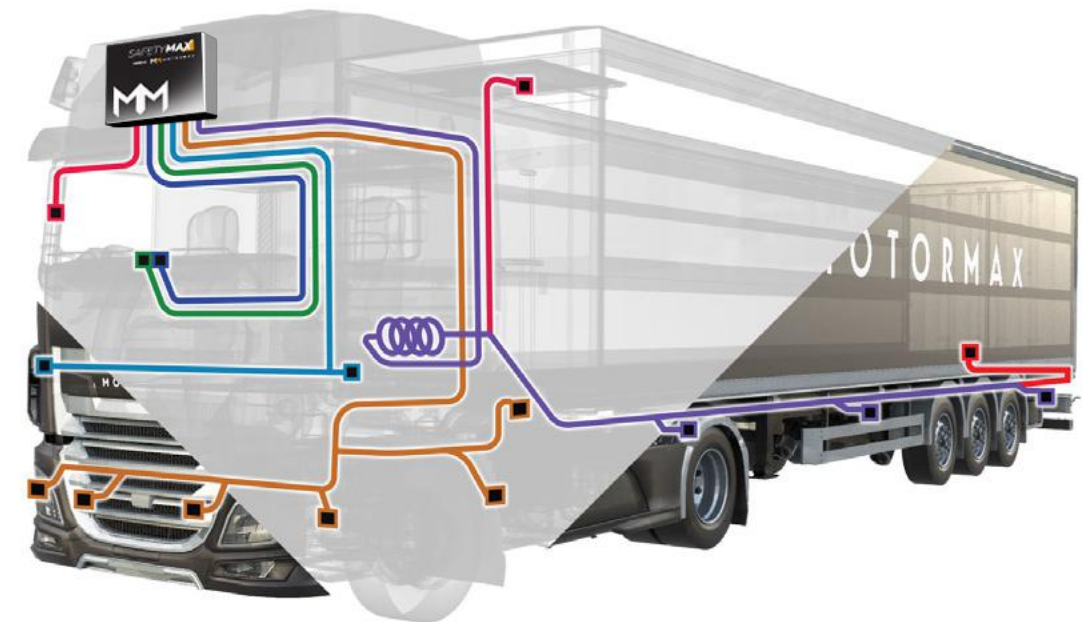


WEATHERPROOF CONNECTORS

Where applicable, super sealed connectors are used for when wet environments are a distinct possibility. Every connector has an integral lock function to ensure plugs remain connected.



A NEW INDUSTRY STANDARD
Individual circuit control is now reality using the Motormax Plug & Play system. Motormax cameras, sensors and alarms all lie on independent circuits enabling quick maintenance and a cleaner install.



SAFETY & RECORDING EQUIPMENT

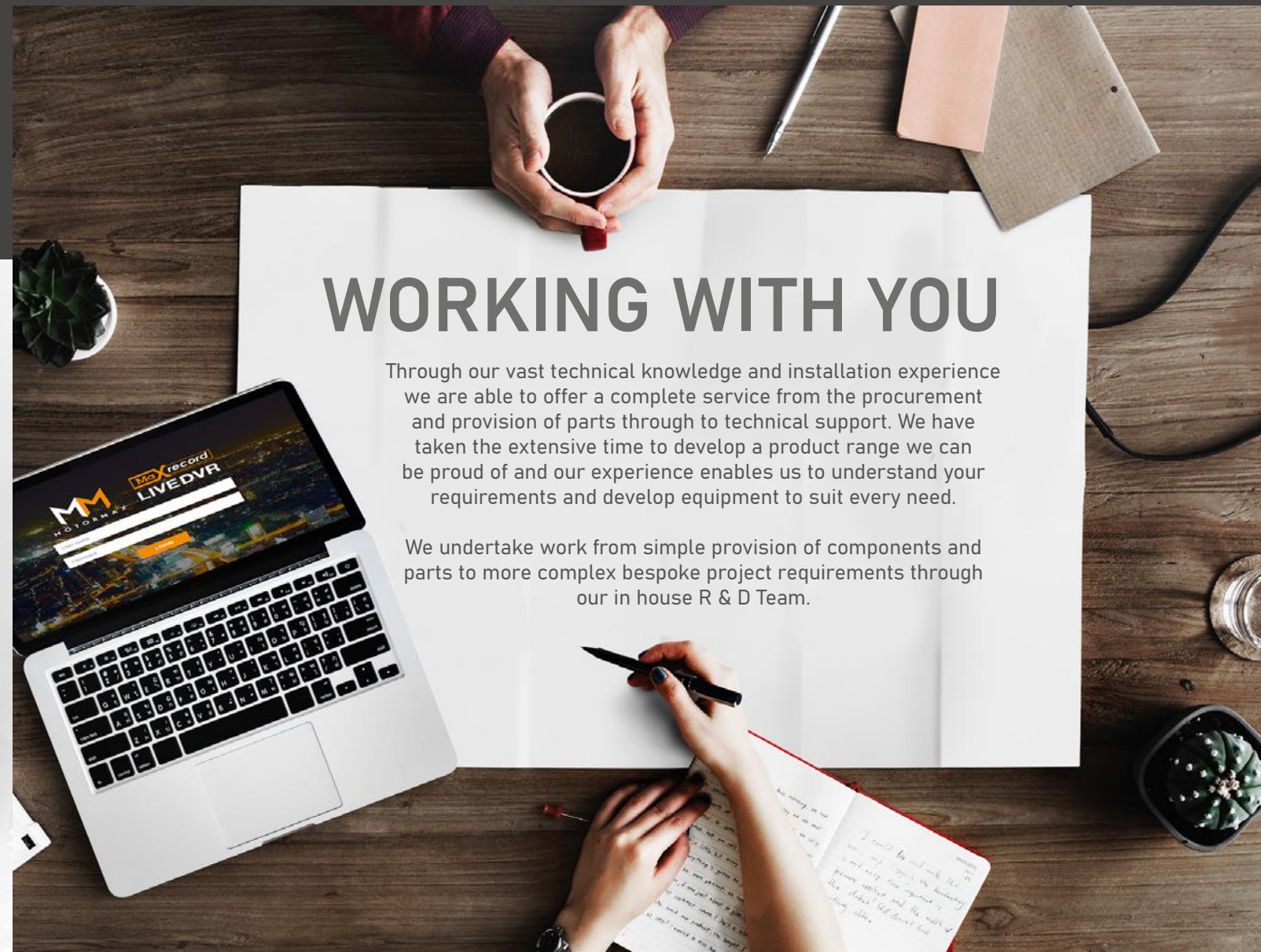
SAFETY & RECORDING



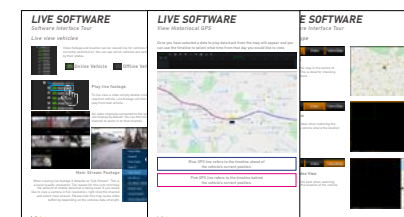
WORKING WITH YOU

Through our vast technical knowledge and installation experience we are able to offer a complete service from the procurement and provision of parts through to technical support. We have taken the extensive time to develop a product range we can be proud of and our experience enables us to understand your requirements and develop equipment to suit every need.

We undertake work from simple provision of components and parts to more complex bespoke project requirements through our in house R & D Team.



Supporting our customers



When beginning a project we can build a customer portfolio including the following:

- Technical installation documents
- Project specific wiring diagrams
- Bespoke marketing material

Are you ready?

Register this year and prepare for 2024 with Motormax.



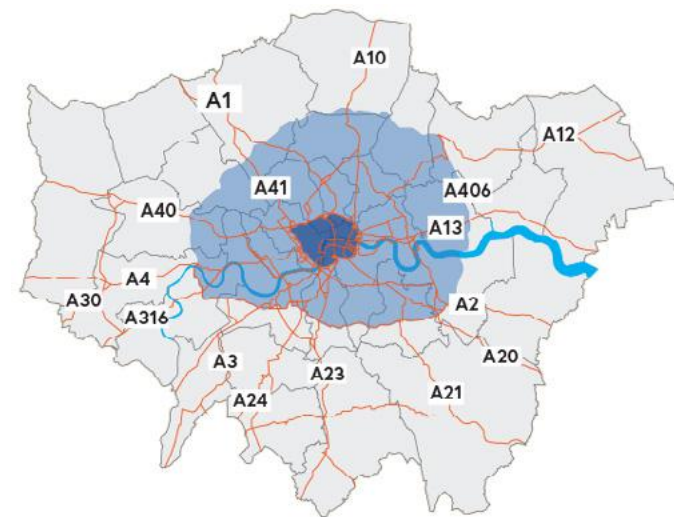
2024

What is happening?

Vision Zero aims to eliminate all road deaths and serious injuries by 2041. The aim is to ensure the street environment incorporates safe speeds, behaviours, street design and vehicles to target road danger at its core. To achieve this, a Direct Vision Standard (DVS) and a safety permit for all vehicles more than 12 tonne will need to be issued.

Who will require a permit?

Vehicles over 12 tonnes gross vehicle weight (GVW) will require a heavy goods vehicle (HGV) safety permit to be able to operate within Greater London starting from February 2021. They will be issued from October 2019 and will be enforced from February 2021. This is the same date heavy vehicles will need to meet even stronger Low Emission Zone (LEZ) standards within London.



Affected London Zones

Central London Inner London London Wide



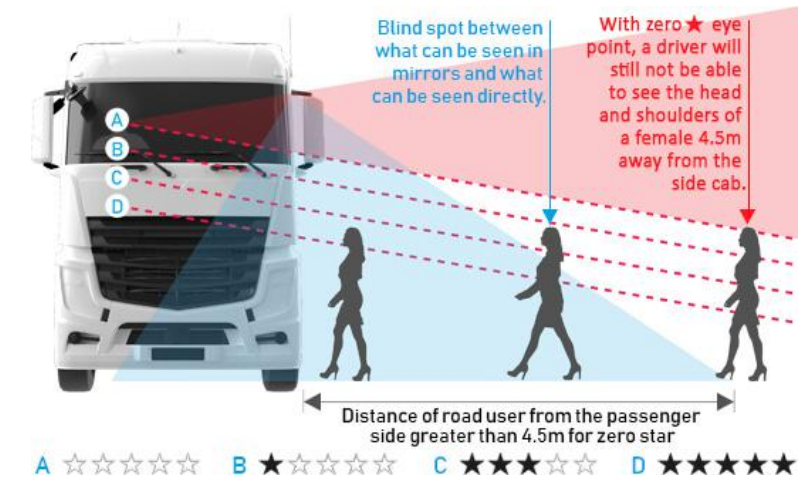
How can Motormax Help?

Part of the upcoming legislation involves improving the driver's ability to see cyclists and pedestrians from a high up cab position. The DVS measures a driver's direct view through the windows of an HGV cab. To indicate the level of risk to people near the vehicle, a star rating system will be put in place, zero stars being poor and five being excellent.



How many stars do I need?

In 2020 any HGV can be registered, even those which would receive a zero star rating. In 2024, there will be a review of the Safe System and the minimum DVS star rating will be increased to three stars. Any additional technology or equipment that becomes available in 2024 will be taken into account. This will be known as the Progressive Safe System and any updates can be suggested in 2022. Vehicles that are rated zero, one and two stars will need to be reviewed and updated in 2024.



What equipment do I need?

Mirror Requirement:

In the UNECE Regulation 46.2, class V and VI mirrors should meet the fit requirements.

Rigid Vehicle Sensor Requirement:

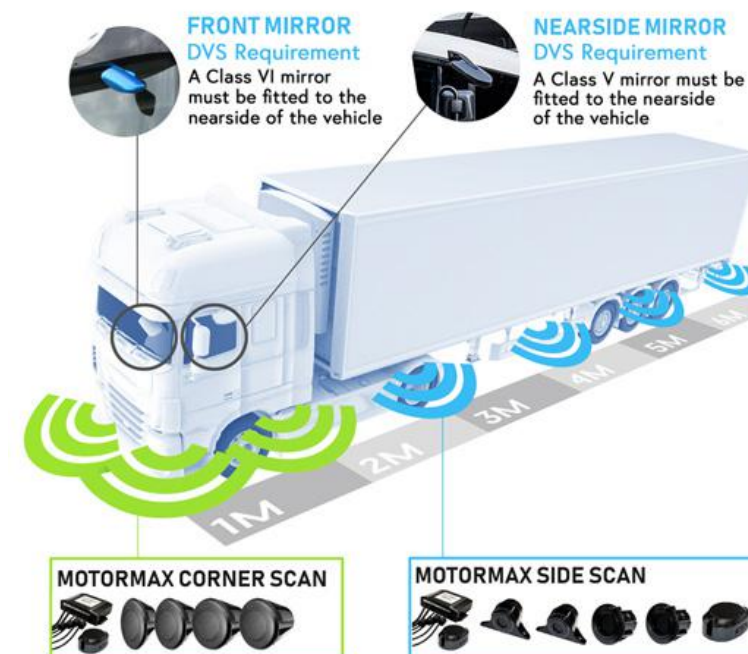
Rigid vehicles should ensure that the sensors cover either six metres down the nearside or one metre from the rear of the vehicle, whichever is smaller.

Articulated Vehicle Sensor Requirement:

Tractor units should be suitably positioned to provide sufficient coverage, but preventing activation solely on articulation of the trailer.

Motormax Solutions:

Our Corner Scan and Side Scan sensor kits provide reliable audible and visual warnings for the driver and the pedestrian, ticking every accreditation box.



Blind Spot Camera:

A fully operational camera monitoring system shall be fitted to the nearside of the vehicle.

Motormax Solutions:

We supply and fit Motormax AHD quality Side Cameras and Monitors available as quad or single screens, fully compatible with Motormax DVR systems.

Rear Signage:

Warning signage must be displayed at the rear of the vehicle, as opposed to instructional signage.



1



7" Monitor

MM7091DM

Find out more on page 93

2



Side Camera

MM406SV

Find out more on page 74

3



Left Turn Alarm

MMLTA01

Find out more on page 41

4



Side Detection

MMSSTR

Find out more on page 50



About FORS

The Fleet Operator Recognition Scheme (FORS) encourages and incentivises the safe and sustainable operation of commercial vehicles. From car-derived vans to heavy goods vehicles, the scheme commits to enable all fleet operators to attain and maintain the best possible level of productivity and efficiency with the least impact on society and the environment and to facilitate continuous improvements in operating standards. FORS raises the bar, promotes best practice and provides a recognisable credential through an independent audit, staff training and support material. FORS is now regarded as 'the' accreditation scheme by fleet operators, their clients and enforcement agencies alike.

What equipment do I need?

- A camera system that monitors the near-side vehicle blind spot.
- An in-cab display screen to provide the driver with a view of the near-side blind spot.
- A close proximity sensor and driver audible alert system to alert the driver of other road users in the near-side blind spot.
- Rigid goods vehicles over 7.5 tonnes weight shall be fitted with a camera system that monitors the rear blind spot of the vehicle.



1



7" Monitor

MM7091DM

Find out more on page 93

2



Side Camera

MM720SVAHD

Find out more on page 47

3



Left Turn Alarm

MMLTA01

Find out more on page 41

4



Reverse Camera

MMCCV720AHD

Find out more on page 40

5



Side Detection

MMSSTR

Find out more on page 50

6



Reverse Alarm

MMRA01

Find out more on page 41

7



Digital Video Recorder

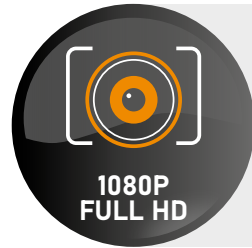
MMD4CH1TB

Find out more on page 24

FEATURES



All GPS data is recorded directly to the DVR's HDD.



1080p Full HD video footage is recorded and secured on the DVR's HDD.

4G FEATURES



View the live location & speed of connected vehicles via the DVR's GPS.



View live footage from connected vehicles.



Create geo-fencing for individual vehicles. Receive a notification if a vehicle leaves its fence.



Enables a remote health check for the camera equipment installed.



Download historical footage to view and share when required, without taking the vehicle off the road.



Allows the DVR settings to be changed or updated remotely, removing the need for engineer visits.

LIVE DVR SOFTWARE

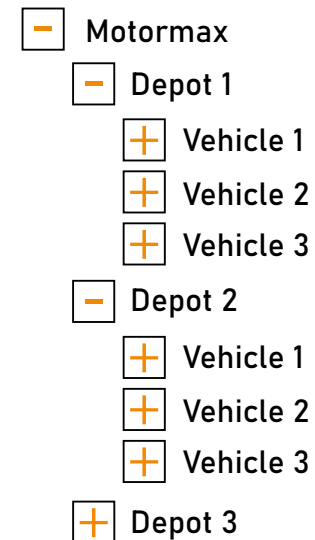


FEATURES

- Live view footage, GPS & Speed from live vehicles.
- View historical GPS information from offline vehicles.
- Download and save footage from live vehicles to your local directory.
- Fully customisable structure tree with restricted or admin access for required users.
- Administrators can edit any DVR settings remotely removing the need for site visits.
- Auto download options based on required triggers.

Managed User Profiles

Example Structure Tree



- Vehicles can be structured into depots for an easily manageable fleet.
- Unlimited user logins with customisable access and permissions.

Example Roles



Logistics/Fleet Manager

Access to entire fleet with privileges to view and download any footage/data.



Health & Compliance Manager

Access to required depot with privileges to view and download any footage/data.



Fleet Administrator

Access to entire fleets report structure. No access to live or historical footage.

Email Alerts

The DVR can email notification alerts for the following scenarios.

- Video Loss
- Motion Detection
- Trigger Cable Alerts
- Panic Alarm
- Low-Speed
- High-Speed
- Low Voltage
- Geo Fence
- Illegal Shutdown
- DSM Alerts



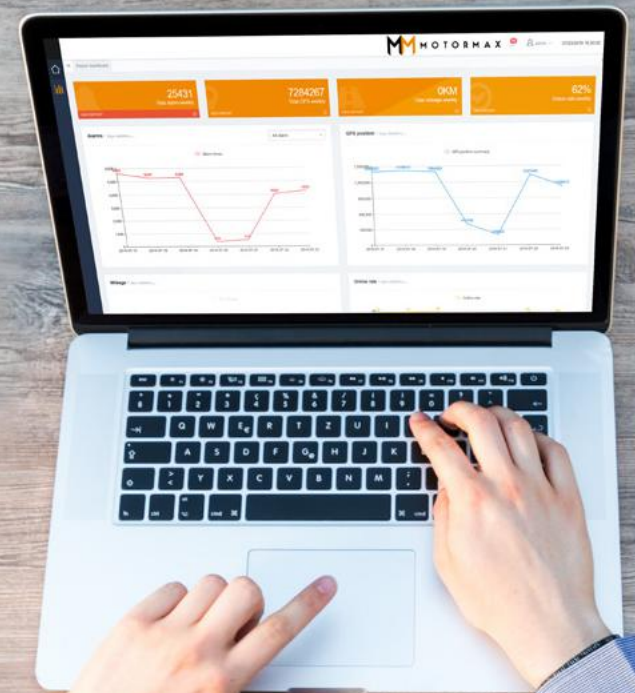
Live & Historical Tracking

- Live GPS location is laid out on a map with coloured icons displaying the vehicles' current status.
- Historical GPS data is stored on the server so you can access GPS data for offline & online vehicles.



Reports

The DVR generates and records data. This data is then transferred to the server's data centre where you can view a range of information such as GPS, miles travelled and alarm triggers. This data can also be exported to a spreadsheet format.





VAN SAFETY RECORDING SOLUTION



Front Recording Camera
MMD1CH
Find out more on page 23



Secondary Camera
Range Available
Any D1 or 720P AHD camera



Front & Rear Parking Sensors
MM05FS & MM05MB
Find out more on pages 132 & 129



VAN DVR RECORDING SOLUTION



5 Channel DVR
MMD4CH
Find out more on page 24



6.2" Mirror Monitor
MM620MON
Find out more on page 95



AHD Front Camera
MM4P-1080
Find out more on page 44



AHD Side Cameras
MM720SVAHD
Find out more on page 47



Brake Light Camera
Large Range Available
Find out more on pages 80-88



Reverse Alarm
MMRA01
Find out more on page 41



TRUCK RECORDING & SAFETY SOLUTION



1
5 Channel DVR
MMD4CH
Find out more on page 24



2
7" AHD Monitor
MM7041DM
Find out more on page 93



3
AHD Front Camera
MM4P-1080
Find out more on page 44



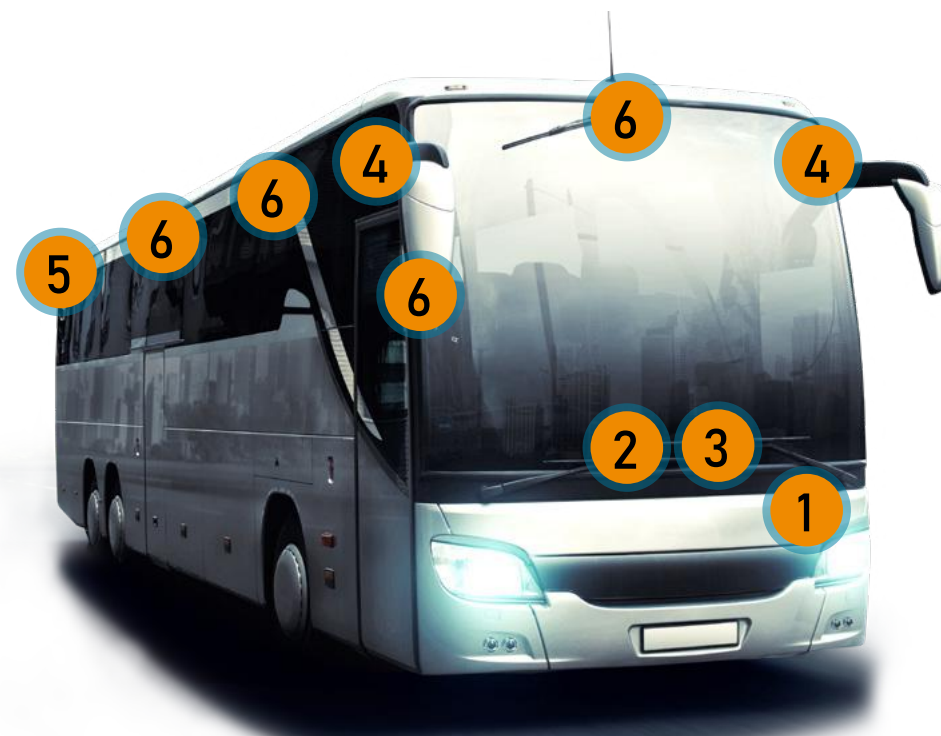
4
AHD Side Cameras
MM720SVAHD
Find out more on page 47



5
AHD Rear Camera
MMCCV720AHD
Find out more on page 46



6
Side Detection
MMSSTR
Find out more on page 50



COACH DVR RECORDING SOLUTION



1
16 Channel DVR
MMD16CH
Find out more on page 30



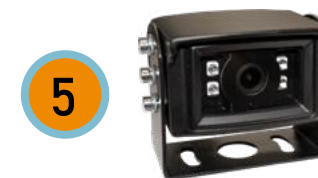
2
7" AHD Monitor
MM7041DM
Find out more on page 93



3
AHD Front Camera
MM4P-1080
Find out more on page 44



4
AHD Side Cameras
MM720SVAHD
Find out more on page 47



5
AHD Rear Camera
MMCCV720AHD
Find out more on page 46



6
AHD Internal Cameras
MM921RAHD
Find out more on page 45

Applicable Vehicles

If you are interested in a solution for a vehicle type that is not listed below, please contact our sales team for further information.



Mini Bus



Van



Container Truck



Beavertail Truck



Tipper



Tanker



Box Truck



Tilt Truck



Luton Van



Flat Bed



Crane Truck



Crane Truck



Coach & Bus



Tractor Unit



Transporter



STANDARD: **MMD1CH**
LIVE VIEW: **MMD1CHLV**

Forward Facing Camera



OVERVIEW

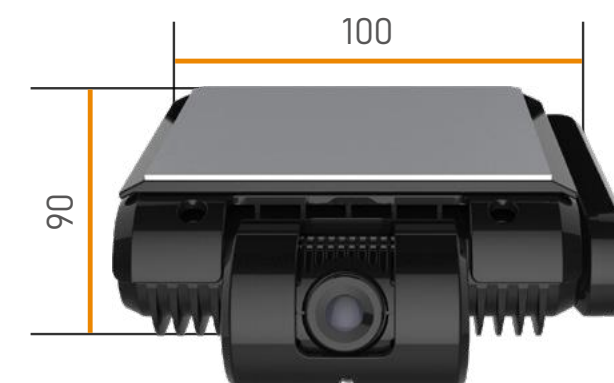
- Supports 3G/4G*, GPS, WiFi.
- 1x SD card slot. (Max 256GB)
- Lockable unit for anti-tamper design.
- High quality aluminum shell.
- Supports additional D1 or AHD 4 pin camera.
- Resolution - 1080p. Frame Rate - 30fps.

*Live model only

DIMENSIONS



Dimensions: mm



SD CARDS

32GB: MMSDCS32
64GB: MMSDCS64

128GB: MMSDCS128
256GB: MMSDCS256



NON LIVE 1TB: **MMD4CH1TB**
LIVE VIEW 1TB: **MMD4CHLV1TB**

5 Channel DVR



OVERVIEW

Standard Features

- 4 Channel AHD 1080P + 1 Channel IPC 1080P
- Supplied with choice of storage. (500GB, 1TB, 2TB)
- Built-in GPS for vehicle tracking
- 1 Video output
- Trigger cable - 8 Inputs/2 Outputs

Live View Features

- Built-in 4G module for connection to live view system
- Live view management software

DIMENSIONS

Front Panel



Rear Panel



Dimensions	Dimension (LxWxH)	206.0 x 170.0 x 70.4 mm
	Weight	1.24KG
Environment	Operating Temperature	-10°C +70°C : -40°C +70°C (With heater)
	Operating Relative Humidity	8%-90% (No condense)

Full Specification		
System	OS	Linux 3.0.8
	Control Mode	Easy Check, network*, CP4, mouse (3G/4G/Wifi*)
Video	Input	4 Channels AHD 1080P+1 Channel 1080P IPC
	Output	1 Channel
	Total Resource	PAL: 4*720P@25fps+1*1080P@30fps 4*1080P@12fps+1*1080P@30fps NTSC: 4*720P@30fps+1*1080P@30fps 4*1080P@15fps+1*1080P@30fps
	Video Signal Standard	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL optional
	UTC	Support setting AHD camera OSD
Audio	Input	5 Channels (1 Channel IPC)
	Output	1 Channel
	Audio Signal Standard	Electrical level: 2Vpp input impedance 4.8k
Display	Display Split	1/4
	OSD	Channel Number, GPS, Alarm, Vehicle Number, Speed, Date & Time.
	Operation Interface	Semi-transparent GUI
Recording	Video/Audio Compression	Video: H.265/H.264 Audio: ADPCM (G.711A, G711U optional)
	Image Resolution	PAL: 1080P(1920X1080), 720P(1280X720), WD1(928X576), WHD1(928X288), WCIF(464X288), D1(704X576), HD1(704x288), CIF(352x288)
		NTSC: 1080P(1920X1080), 720P(1280X720), WD1(928X480), WHD1(928X240), WCIF(464X240), D1(704x480), HD1(704x240),CIF(352x240);
		Digital: 1080P(1920X1080), 720P(1280X720)
	Image Quality	1-8 Adjustable levels
	Recording Mode	Boot up / Schedule / Alarm / Manual
	Pre-recording	0-60 Minutes
	Post-recording	0-30 Minutes
Playback	Playback Channel	1 Channel by local playback
	Search Mode	Date & time, Channel, event
Network*	3G/4G Optional	EVDO / WCDMA / TDD-LTE / FDD-LTE
	Wifi	802.11b/g/n
	Network Connection	Wifi / 3G / 4G
	IPC Ethernet	6-pin M12 (10/100M x 1, PON Power Supply)
Locating	GPS	Location tracking, Speed Detection and Time sync
Storage	HDD	2.5" SATA HDD or SSD
Interface	USB	USB2.0 x 1
	SIM	1x SIM Slot
	RS232	2x RS232
	RS485	Does not support
	Sensor	8 Inputs & 2 Outputs
	Speed	1 Channel pulse speed detection
	Inter Communication	1 MIC Interface
Power	Input	DC8-36V, ACC
	Output	5V@1A
	Max Power Consumption	32W
	Standby Power Consumption	0W

*Live model only





NON LIVE 500GB: **MMD6CH500GB**
LIVE VIEW 500GB: **MMD6CHLV500GB**
NON LIVE 1TB: **MMD6CH1TB**
LIVE VIEW 1TB: **MMD6CHLV1TB**

8 Channel DVR



OVERVIEW

Standard Features

- 6 Channel AHD 1080P + 2 Channel IPC 1080P
- Supplied with choice of storage. (500GB, 1TB, 2TB)
- Built-in GPS for vehicle tracking
- 1 Video output
- Trigger cable – 8 Inputs/2 Outputs

Live View Features

- Built-in 4G module for connection to live view system
- Live view management software

DIMENSIONS

Front Panel



Rear Panel



Dimensions	Dimension (LxWxH)	252 x 167.2 x 88.7 (With bracket and rear shield)
	Weight	2.2KG
Environment	Operating Temperature	-40°C +70°C : -40°C +55°C (With heater)
	Operating Relative Humidity	8%-90% (No condense)

Full Specification		
System	OS	Linux
	Control Mode	Easy Check, network*, CP4, mouse (3G/4G/Wifi*)
Video	Input	6 Channels AHD + 2 Channels IPC
	Output	2 Channel (CP4+VGA)
	Video Signal Standard	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL optional
Audio	Input	8 Channels
	Output	1 Channel
	Audio Signal Standard	Electrical level: 2Vpp input impedance 4.7k
Display	Display Split	1/4/9
	OSD	GPS, Alarm, Vehicle Plate, Speed, Time, Etc.
	Operation Interface	Semi-transparent GUI
Recording	Video/Audio Compression	Video: H.265/H.264 Audio: ADPCM (G.711A, G.711U)
	Image Resolution	PAL: 1080P(1920X1080), 720P(1280X720), WD1(928X576), WHD1(928X288), WCIF(464X288), DI(704X576), HD1(704x288), CIF(352x288)
		NTSC: 1080P(1920X1080), 720P(1280X720), WD1(928X480), WHD1(928X240), WCIF(464X240), DI(704x480), HD1(704x240),CIF(352x240);
		Digital: 1080P(1920X1080), 720P(1280X720)
	Image Quality	1-8 Adjustable levels
	Recording Mode	Schedule/Alarm(sensor trigger, speed, acceleration, video loss, temperature)
	Pre/Post Recording	Pre - 0-60min / Post - 0-30min
Playback	Playback Channel	1/4 channel by local playback, supports WEB 1/4/8 channel by local playback
	Search Mode	Date & time, Channel, event
Network*	3G/4G Optional	EVDO/TD-SCDMA/WCDMA/TDD-LTE/FDD-LTE
	Wifi	802.11b/g/n
	Ethernet	RJ45 x 1 (10/100 M/1000M)
	IPC Ethernet	2 x 6-pin DIN JACK (10/100M PON port, power supply)
Locating	GPS	Location tracking, speed detection and time sync
Storage	HDD & SD Card	Supports 2.5" HDD or SSD up to 2TB & 1 x SD (Max 256GB)
Interface	USB	1 x USB2.0(Type A) + 1 x USB2.0(Type B)
	SIM*	1x SIM Slot*
	Serial	2 x RS232, 1 x RS485, 1 x CAN
	I/O	8 Inputs & 2 Outputs
	Speed	1 Channel pulse speed detection
	Control Panel	CP4
	Inter Communication	1x MIC Interface
Power	Input	DC8-36V, ACC
	Output	5V@500mA, 12V@500mA
	Max Power / Standby Power Consumption	6.75W / 0W

*Live model only





NON LIVE 1TB: MMD8CH1TB
LIVE VIEW 1TB: MMD8CHLV1TB
NON LIVE 2TB: MMD8CH2TB
LIVE VIEW 2TB: MMD8CHLV2TB

12 Channel DVR



OVERVIEW

Standard Features

- 8 Channel AHD 1080P + 4 Channel IPC 1080P
- Supplied with choice of storage. (1TB, 2TB, 4TB)
- Built-in GPS for vehicle tracking
- 2 Video outputs
- Trigger cable – 8 Inputs/2 Outputs

Live View Features

- Built-in 4G module for connection to live view system
- Live view management software

DIMENSIONS

Front Panel



Rear Panel



Dimensions	Dimension (LxWxH)	295 x 222 x 89 mm
	Weight	2.6KG
Environment	Operating Temperature	-10°C +70°C : -40°C +70°C (With heater)
	Operating Relative Humidity	8%-90%

Full Specification		
System	OS	Linux 3.0.8
	Control Mode	Easy Check, network*, CP4, mouse (3G/4G/Wifi*)
Video	Input	8 Channels AHD + 4 Channels IPC
	Output	2 Channel
	Total Resource	PAL: 8*720P@25FPS (AHD) +4*1080P@30FPS (IPC) Or 8*1080P@12FPS (AHD) +4*1080P@30FPS (IPC) NTSC: 8*720P@30FPS (AHD)+4*1080P@30FPS (IPC) Or 8*1080P@15FPS (AHD)+4*1080P@30FPS (IPC)
	Video Signal Standard	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL optional
Audio	Input	12 Channels
	Output	2 Channel
	Audio Signal Standard	Electrical level: 2Vpp input impedance 4.7k
Display	Display Split	1/4/9
	OSD	GPS information, alarm, temperature, acceleration, voltage, device information, software version, MCU version, network status
	Operation Interface	Semi-transparent GUI
Recording	Video/Audio Compression	Video: H.264 Audio: ADPCM (G.711A, G711U optional)
	Image Resolution	PAL: 1080P, 720P, WD1(928X576), WHD1(928X288), WCIF(464X288), D1(704X576), HD1(704x288), CIF(352x288); NTSC:1080P, 720P, WD1(928X480), WHD1(928X240), WCIF(464X240), D1(704x480), HD1(704x240), CIF(352x240); Digital: 720P(1280X720)
	Image Quality	1-8 Adjustable levels
	Recording Mode	Schedule/Alarm(sensor trigger, speed, acceleration, video loss, temperature)
	Mirror / Dual Recording	Yes
Playback	Playback Channel	4 Channels by local playback
	Search Mode	Date & time, Channel, event
Network*	3G/4G Optional	EVDO / WCDMA / TDD-LTE / FDD-LTE
	Wifi	802.11b/g/n
	Ethernet	RJ45 x 1 (10/100 M/1000M)
	IPC Ethernet	6-pin M12 (4x10/100M, PON power supply)
Locating	GPS	Location tracking, speed detection and time sync
Storage	HDD & SD Card	Supports 2.5" HDD or SSD up to 2TB & 1 x SD (Max 256GB)
Interface	USB	2x USB2.0
	SIM*	2x SIM Slot*
	RS232 / RS485	2x RS232 / 2x RS485
	Sensor	8 Inputs & 2 Outputs
	Speed	1 Channel pulse speed detection
	Inter Communication	1x MIC Interface
Power	Input	DC8-36V, ACC
	Output	5V@500mA, 12V@500mA
	Max Power / Standby Power Consumption	105.3W / 0W

*Live model only



LIVE
VIEW
OPTIONAL

NON LIVE 2TB: MMD16CH2TB
LIVE VIEW 2TB: MMD16CHLV2TB
NON LIVE 4TB: MMD16CH4TB
LIVE VIEW 4TB: MMD16CHLV4TB

16 Channel DVR



OVERVIEW

Standard Features

- 8 Channel AHD 1080P + 8 Channel IPC 1080P
- Supplied with choice of storage. (1TB, 2TB, 4TB)
- Built-in GPS for vehicle tracking
- 2 Video outputs
- Trigger cable – 8 Inputs/2 Outputs

Live View Features

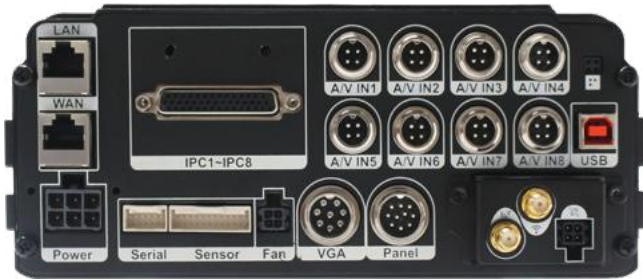
- Built-in 4G module for connection to live view system
- Live view management software

DIMENSIONS

Front Panel



Rear Panel



Dimensions	Dimension (LxWxH)	324.6 x 238 x 115.5
Environment	Operating Temperature	-40°C to +85°C (Storage) : -40°C to +70°C (With Heating)
	Operating Relative Humidity	8%-90%

Full Specification		
System	OS	Linux 3.18.20
	Control Mode	Easy Check, network*, CP4, mouse (3G/4G/Wifi*)
Video	Input	8 Channels AHD + 8 Channels IPC
	Output	1 channel CVBS; 1 channel VGA (supports 1080P backward compatible with 720P)
Audio	Input	8 Channels
	Output	2 Channel
Display	Display Split	1/4/9
	OSD	GPS information, alarm, temperature, acceleration, voltage, device information, software version, MCU version, network status
	Operation Interface	Graphical user interface
Recording	Video/Audio Compression	
	Video: H.264 / H.265 Audio: ADPCM (G.711A, G711U optional)	
	Image Resolution	PAL: 1080P,720P,WD1(928X576),WHD1(928X288), WCIF(464X288),D1(704X576),HD1(704x288),CIF(352x288); NTSC: 1080P,720P,WD1(928X480),WHD1(928X240), WCIF(464X240),D1(704x480),HD1(704x240),CIF(352x240); Digital: 1080P(1920X1080),720P(1280X720).
	Image Quality	1-8 Adjustable levels
	Recording Mode	Boots up/schedule/alarm event recording
	Pre & Post Recording	Pre 0-60 Minutes / Post 0-30 Minutes
Playback	Playback Channel	Local: supports 1/4/9 channels (single channel main stream, multi-channel sub stream) WEB: supports 1/4/9 channel synchronous playback
	Search Mode	Date & time, Channel, Event
Network*	Wire	LAN:1000M/100M(RJ45 without light) WAN:1000M/100M(RJ45 without light)
	Wireless	WiFi: supports 802.11b/g/n/ac
		3G/4G: Supports one (support remote wake-up)
Locating	GPS	Location tracking, speed detection and time sync
Sensor	G Sensor	6 Axis
Storage	HDD & SD Card	Supports 2.5" HDD or SSD up to 2TB & 1 x SD (Max 256GB)
Interface	USB	1 x USB2.0 (Type A) + 1 x USB2.0 (Type B)
	SIM*	1 x PUSH-PUSH SIM card slot
	RS232 / RS485	2 x RS232, 2 x RS485,2 x CAN
	Sensor	8 Inputs & 2 Outputs
	Speed	1 Channel pulse speed detection
	Inter Communication	1x MIC Interface
Power	Input	DC8-36V, ACC
	Output	5V@500mA, 12V@500mA
	Max Power / Standby Power Consumption	80W / 0W

*Live model only



LIVE
VIEW
OPTIONAL

NON LIVE 8TB: MMD16CH8TB
LIVE VIEW 8TB: MMD16CHLV8TB
NON LIVE 10TB: MMD16CH10TB
LIVE VIEW 10TB: MMD16CHLV10TB

16 Channel DVR



OVERVIEW

Standard Features

- 8 Channel AHD 1080P + 8 Channel IPC 1080P
- Supplied with choice of storage. (6TB, 8TB, 10TB)
- Built-in GPS for vehicle tracking
- 2 Video outputs
- Trigger cable – 8 Inputs/2 Outputs

Live View Features

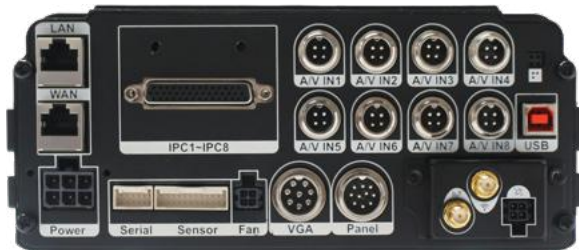
- Built-in 4G module for connection to live view system
- Live view management software

DIMENSIONS

Front Panel



Rear Panel



Dimensions	Dimension (LxWxH)	324.6 x 238 x 115.5
Environment	Operating Temperature	-40°C to +85°C (Storage) : -40°C to +70°C (With Heating)
	Operating Relative Humidity	8%-90%

Full Specification		
System	OS	Linux 3.18.20
	Control Mode	Easy Check, network*, CP4, mouse (3G/4G/Wifi*)
Video	Input	8 Channels AHD + 8 Channels IPC
	Output	1 channel CVBS; 1 channel VGA (supports 1080P backward compatible with 720P)
Audio	Input	8 Channels
	Output	2 Channel
Display	Display Split	1/4/9
	OSD	GPS information, alarm, temperature, acceleration, voltage, device information, software version, MCU version, network status
	Operation Interface	Graphical user interface
Recording	Video: H.264 / H.265	
	Audio: ADPCM (G.711A, G711U optional)	
	Image Resolution	PAL: 1080P,720P,WD1(928X576),WHD1(928X288), WCIF(464X288),D1(704X576),HD1(704X288),CIF(352X288);
		NTSC: 1080P,720P,WD1(928X480),WHD1(928X240), WCIF(464X240),D1(704X480),HD1(704X240),CIF(352X240);
		Digital: 1080P(1920X1080),720P(1280X720).
	Image Quality	1-8 Adjustable levels
Playback	Recording Mode	Boots up/schedule/alarm event recording
	Pre & Post Recording	Pre 0-60 Minutes / Post 0-30 Minutes
	Playback Channel	Local: supports 1/4/9 channels (single channel main stream, multi-channel sub stream) WEB: supports 1/4/9 channel synchronous playback
Network*	Search Mode	Date & time, Channel, Event
	Wire	LAN:1000M/100M(RJ45 without light)
		WAN:1000M/100M(RJ45 without light)
Locating	Wireless	WiFi: supports 802.11b/g/n/ac
		3G/4G: Supports one (support remote wake-up)
	GPS	Location tracking, speed detection and time sync
Sensor	G Sensor	6 Axis
Storage	HDD & SD Card	Supports 2.5" HDD or SSD up to 2TB & 1 x SD (Max 256GB)
Interface	USB	1 x USB2.0 (Type A) + 1 x USB2.0 (Type B)
	SIM*	1 x PUSH-PUSH SIM card slot
	RS232 / RS485	2 x RS232, 2 x RS485,2 x CAN
	Sensor	8 Inputs & 2 Outputs
	Speed	1 Channel pulse speed detection
	Inter Communication	1x MIC Interface
Power	Input	DC8-36V, ACC
	Output	5V@500mA, 12V@500mA
	Max Power / Standby Power Consumption	80W / 0W

*Live model only



AI SYSTEMS



- AI system are designed for incident prevention.
- Allows connectivity of Blind Spot Detection, Lane Departure System and Driver Awareness Camera.
- High precision sensing algorithm, real time analysis and alarm.
- Data can be automatically uploaded and stored to the evidence centre.
- Compatible with our entire DVR range.
- Can be connected to an external monitor.



DVR



ADAS



BSD



DSM

ADAS ADVANCED DRIVER ASSISTANCE SYSTEM



- Lane Departure Warning - The ADAS system detects if the vehicle is swerving from the centre of the road and gives the driver an audible alarm.
- Front Collision Warning - Detects if the driver is too close to the vehicle in front and gives the driver an audible alarm.
- These events can automatically be uploaded to the evidence centre, this can help create driver behaviour profiles.
- 1080p Camera.



Lane Departure Warning



Front Collision Warning

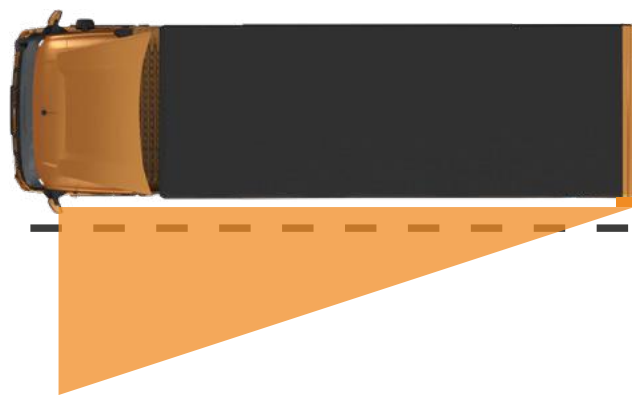


VISUAL DISPLAY
COMPATIBLE

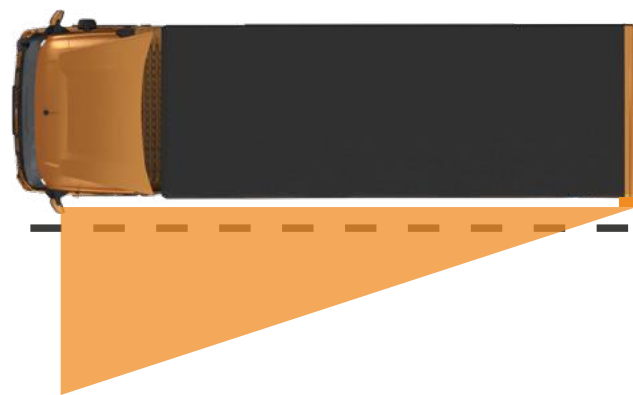
BSD BLIND SPOT DETECTION



- Blind spot detection is designed to eliminate incidents caused through lack of vision in the blind spot.
- Connects to visual display to alert the driver of any hazards.
- 1080p Camera resolution.
- These events can automatically be uploaded to the evidence centre, helping create driver behaviour profiles.



Vehicle Detection



Cyclist Detection



VISUAL DISPLAY
COMPATIBLE

DSM DRIVER SAFETY MONITOR



- Fatigue Sensor - Alerts the driver with an audible alarm if the camera detects the driver's eyes closing.
- Distraction Sensor - Detects if the driver is distracted for a prolonged period of time. An audio alarm will play to alert the driver.
- Mobile Phone Detection - Detects if the driver is on their mobile phone. An audio alarm will play to alert the driver until the phone is no longer detected.
- These events can automatically be uploaded to the evidence centre, helping create driver behaviour profiles.



Smoking

Detects if the driver is smoking



Mobile Phone

Detects mobile phone usage



Fatigue

Detects if the driver is tired



Distraction

Detects if the driver is distracted



VISUAL DISPLAY
COMPATIBLE

Accessories

Easy Check



Allows you to change DVR settings or view data from a mobile device or tablet.

MMEASYCHECK

5 Channel Reader



Allows you to connect a 5 channel DVR HDD caddy to a PC.

MMD4CH-HDR

12 Channel Alarm Cable



This cable connects to the DVR allowing you to take alarm and events from the vehicle.

MMD8CH-ATC

5 Channel Alarm Cable



This cable connects to the DVR allowing you to take alarm and events from the vehicle.

MMD4CH-ATC

IPC Extension Cable



3M - MMIP-3MEXT
5M - MMIP-5MEXT
10M - MMIP-10MEXT
20M - MMIP-20MEXT

DVR Video Out Cable



MM4PINDIN5

Accessories

Mini Visual Display



The mini visual display provides the driver with a realtime audio and visual alert of the AI systems.

MMAI-VD

LED Panel



LED lights display the current status of the DVR. Also includes panic button.

MMD-LEDP

5 Channel Caddy



500GB - MMD4CH-CD500
1TB - MMD4CH-CD1
2TB - MMD4CH-CD2

8 Channel Caddy



500GB - MMD6CH-CD500
1TB - MM64CH-CD1
2TB - MMD6CH-CD2

12 Channel Caddy



500GB - MMD8CH-CD500
1TB - MMD8CH-CD1
2TB - MMD8CH-CD2

4 Channel PON Switch



Allows you to connect an additional 4 IP cameras to a DVR.

MMD-PONSW

Accessories

Alarm Trigger Box



MMD8CH-ATB

Suzi 7 Pin Cable



MMSUZI7P

Suzi 7 Pin Cable



MMSUZI

Mini Suzi Cable



MMSUZI8M

DVR 7" Control Monitor



- Control Panel - Control our DVR range using our dedicated DVR monitor.
- Sign in - Can be used to log a driver's working hours.
- Voice Broadcast - 2 way communication via the Max Record software.

MMDM7

Alarms

Reverse Alarm



- 12-24V
- 95dB
- Dimensions - 100mm x 70mm
- IP67
- Epoxy sealed
- Double Engage Feature

MMRA01

White Noise Reverse Alarm



- 12-24V
- 95dB
- Dimensions - 100mm x 70mm
- IP67
- Epoxy sealed
- White noise feature

MMRAWN

Left Turn Alarm



- 12-24V
- 100dB
- Talking alarm
- IP67
- Epoxy sealed
- Dimensions - 100mm x 70mm

MMLTA-01

Right Turn Alarm

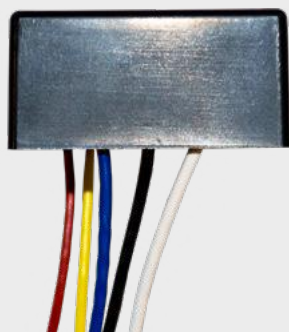


- 12-24V
- 85dB
- Talking alarm
- IP67
- Epoxy sealed
- Dimensions - 75mm x 76mm
- Single bolt fixing

MMAVR15-R

Accessories

Indicator Module



Stabilises a pulsing indicator feed to a solid 12-24v output.

MMINDMOD

Speed Switch Analogue



Allows you to turn off certain pieces of equipment, disengaging them above a certain speed.

12-24V

MMSPSW

Speed Switch CAN Box



Reads the vehicle's speed from the CAN network and supplies an output up to 12MPH.

MMCANSS

Multi Purpose CAN Box



Reads the vehicle's CAN network and supplies the following.

- Left Indicator under 12MPH
- Left Indicator
- Right Indicator under 12MPH
- Right
- Reverse
- Ignition
- Handbrake
- Footbrake
- Speed under 12MPH

MMCANMP

SCANIA Integration Cable



Integrate a camera into a Scania R series factory headunit.

MM-SCANIA-CR

VOLVO Integration Cable



Integrate a camera into a Volvo factory headunit.

Please note: The video ECU has to be fitted from factory for integration to be possible.

12V Dropper - MMVOL-CAMINT
DVR Usage - MMVOL-DVRINT

Accessories

Multi Purpose CAN Box



Reads the vehicle's CAN network and supplies the following.

- Left Indicator under 15MPH
- Right Indicator under 15MPH
- Reverse
- Speed under 15MPH

MMCAMSCAN

CAN Click



Connects to the vehicle's CAN network in a non destructive manor.

MMCC01

4 Pin Extension Cables



1M - MM4PINDIN1M
3M - MM4PINDIN3M
5M - MM4PINDIN5M
10M - MM4PINDIN10M
20M - MM4PINDIN20M

4 Pin Din Splitter



MM4PINDNSPL

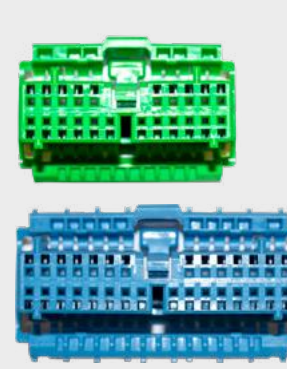
30mm Side Camera Wedge



30mm wedge for mounting side cameras

MMSVSM

Pins and plugs



A range of pins and plugs are available on request.

AHD & IP CAMERAS

AHD FORWARD FACING CAMERA

MM9220AHD



Format	PAL	Mirror Image	Loop Wire
Gridlines	No	Night Vision	Not Required
Resolution	720P	Fitment Location	Forward Facing
Waterproof Rating	IP68	Audio	No
Viewing Angle	83°	Dimensions	38mm x 35mm x 30mm

AHD FORWARD FACING CAMERA

MM4P-1080



Format	PAL	Mirror Image	No
Gridlines	No	Night Vision	Not Required
Resolution	1080P	Fitment Location	Windscreen Mount
Waterproof Rating	Not Required	Audio	No
Viewing Angle	81°	Dimensions	85 x 54.5 x 38.3mm

AHD FORWARD FACING CAMERA W/ AUDIO

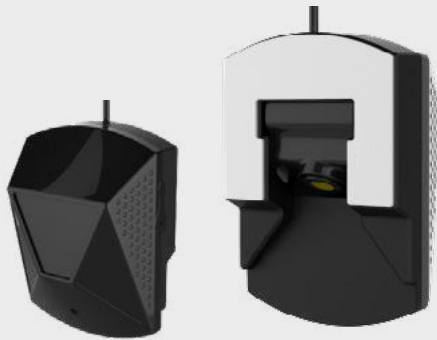
MM4P-1080-A



Format	PAL	Mirror Image	No
Gridlines	No	Night Vision	Not Required
Resolution	1080P	Fitment Location	Windscreen Mount
Waterproof Rating	Not Required	Audio	Yes
Viewing Angle	81°	Dimensions	121mm (W) x 75mm (D) x 39mm (H)

AHD FORWARD FACING CAMERA W/ AUDIO

MM4P-1080-20



Format	PAL	Mirror Image	No
Gridlines	No	Night Vision	Not Required
Resolution	1080P	Fitment Location	Windscreen Mount
Waterproof Rating	Not Required	Audio	Yes
Viewing Angle	81°	Dimensions	100 x 72 x 45mm

AHD DASH MOUNT FORWARD FACING CAMERA

MM921AHD



Format	PAL	Mirror Image	Loop Wire
Gridlines	No	Night Vision	No
Resolution	720P	Fitment Location	Dash Mounted Dome
Waterproof Rating	IP67	Audio	No
Viewing Angle	110°	Dimensions	73mm x 58mm

AHD BRACKET MOUNT REAR CAMERA

MM100AHD



Format	PAL	Mirror Image	Loop Wire
Gridlines	No	Night Vision	No
Resolution	720P	Fitment Location	Adjustable Bracket Mount
Waterproof Rating	IP67	Audio	No
Viewing Angle	110°	Dimensions	36mm x 45mm x 35mm

AHD & IP CAMERAS

AHD BRACKET MOUNT REAR CAMERA

720P - MMCCV720AHD
1080P - MMCCV1080AHD



Format	PAL	Mirror Image	Loop Wire
Gridlines	No	Night Vision	Yes
Resolution	720P/1080P	Fitment Location	Heavy Duty Bracket
Waterproof Rating	IP69K	Audio	Yes
Viewing Angle	110°	Dimensions	78mm (W) x 53mm (D) x 67mm (H)

AHD SIDE VIEW CAMERA (720P)

Black - MM720SVAHD
White - MM720SVAHDW



Format	PAL	Mirror Image	Loop Wire
Gridlines	No	Night Vision	Yes
Resolution	720P	Fitment Location	Side Mount
Waterproof Rating	IP69K	Audio	Yes
Viewing Angle	150°	Dimensions	68mm x 56mm

AHD REAR CAMERA

MM602AHD



Format	PAL	Mirror Image	Supported
Gridlines	No	Night Vision	Yes
Resolution	960P	Fitment Location	Rear Screw Mount
Waterproof Rating	IP69K	Audio	No
Viewing Angle	150°	Dimensions	200mm x 28mm x 26mm

AHD SIDE VIEW CAMERA (1080P)

Black - MM1080SVAHD
White - MM1080SVAHDW



Format	PAL	Mirror Image	Loop Wire
Gridlines	No	Night Vision	Yes
Resolution	1080P	Fitment Location	Side Mount
Waterproof Rating	IP69K	Audio	Yes
Viewing Angle	150°	Dimensions	68mm x 56mm

AHD BULLET MOUNT REAR CAMERA

MM9306AHD



Format	PAL	Mirror Image	Loop Wire
Gridlines	No	Night Vision	Yes
Resolution	720P/1080P	Fitment Location	Heavy Duty Bracket
Waterproof Rating	IP69K	Audio	Yes
Viewing Angle	110°	Dimensions	78mm (W) x 53mm (D) x 67mm (H)

AHD BALL CAMERA

MM720BC



Format	PAL	Mirror Image	Loop Wire
Gridlines	No	Night Vision	Yes
Resolution	720P	Fitment Location	Bracket Mount
Waterproof Rating	IP69K	Audio	No
Viewing Angle	120°	Dimensions	

AHD & IP CAMERAS

AHD INTERNAL DOME CAMERA

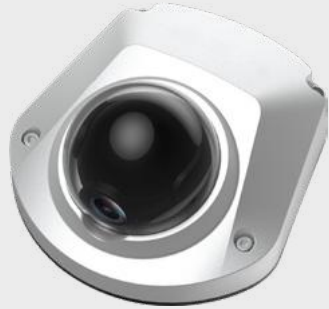
MM921RAHD



Format	PAL	Mirror Image	Loop Wire
Gridlines	No	Night Vision	Yes
Resolution	720P	Fitment Location	Internal
Waterproof Rating	IP67	Audio	Yes
Viewing Angle	110°	Dimensions	73mm x 58mm

IPC INTERNAL CAMERA

720P - MMIPINT-720
1080P - MMIPINT-1080



Format	PAL	Mirror Image	No
Gridlines	No	Night Vision	No
Resolution	720P/1080P	Fitment Location	Internal
Waterproof Rating	IP66	Audio	No
Viewing Angle	106°	Dimensions	101.5(L) x 96(W) x 52.6(H) mm

IPC FRONT CAMERA

MMIPFC



Format	PAL	Mirror Image	No
Gridlines	No	Night Vision	Not Required
Resolution	1080P	Fitment Location	Internal
Waterproof Rating	Not Required	Audio	Yes
Viewing Angle	84°	Dimensions	121.6mm x 75mm x 38.9mm

IPC REAR CAMERA

MMIP-602



Format	PAL	Mirror Image	No
Gridlines	No	Night Vision	Yes
Resolution	1080P	Fitment Location	Rear Screw Mount
Waterproof Rating	IP69K	Audio	No
Viewing Angle	80°	Dimensions	196(L) x 30(W) x 29(H) mm

IPC DOME CAMERA

MMIPDOME-IR



Format	PAL	Mirror Image	No
Gridlines	No	Night Vision	Yes
Resolution	720P	Fitment Location	Internal
Waterproof Rating	Not Required	Audio	Yes
Viewing Angle	84°	Dimensions	94.5mm x 75.5mm

IPC INTERNAL CAMERA

MMD1CH-SC



Format	PAL	Mirror Image	No
Gridlines	No	Night Vision	Not Required
Resolution	720P	Fitment Location	Internal Dome
Waterproof Rating	Not Required	Audio	No
Viewing Angle	115°	Dimensions	85 x 40 x 70mm

SIDESCAN SYSTEM



OVERLAY SYSTEM

MMSSOL



BUZZER SYSTEM

MMSSTR



FEATURES

24V Power	Sensor Detection Range: 0-1.5M
Display Range: 0-1.5M Buzzer Range: 0-1M	IP69K
Monitor Visual Overlay	Variety of sensor heads available

FEATURES

24V Power	Sensor Detection Range: 0-1.5M/0-1M
Buzzer Range: 0-1M	IP69K
Audible buzzer	Variety of sensor heads available

CAMERA SOLUTIONS



AUDI NUMBER PLATE LIGHT REVERSE CAMERA

MM0852




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	70mm x 30mm

Model	TT
Year	2007-13

AUDI NUMBER PLATE LIGHT REVERSE CAMERA

MM0549




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	73mm x 32mm

Model	A1
Year	2010-2018

AUDI BOOT HANDLE REVERSE CAMERA

MM0701




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	110mm x 48mm

Model	A3	A4	A5	A6	A7	Q3	Q5	Q7
Year	2012+	2014	2007-2015	2008-2017	2010+	2011-2018	2008-2016	2016+

AUDI BOOT HANDLE REVERSE CAMERA

MM0709




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	115°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	90mm x 34mm

Model	A1
Year	2010-2018

AUDI BOOT HANDLE REVERSE CAMERA

MM0706




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	110mm x 30mm

Model	A3	A8	Q7	RS5
Year	2003-2012	2005+	2002-2015	2010+

AUDI NUMBER PLATE LIGHT REVERSE CAMERA

MM0817




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	75mm x 32mm

Model	TT
Year	2008-2013

AUDI BOOT HANDLE REVERSE CAMERA

MM0802




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	112mm x 45mm

Model	A1	A5	Q2	Q3	Q5	Q8
Year	2019+	2016+	2017+	2019+	2017+	2018+

BMW NUMBER PLATE LIGHT REVERSE CAMERA

MM0543




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	72mm x 31mm

Model	X5
Year	2007-2013

AUDI BOOT HANDLE REVERSE CAMERA

MM0515




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	110mm x 48mm

Model	A4
Year	2015+

BMW BOOT HANDLE REVERSE CAMERA

MM0707




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	162mm x 48mm

Model	2 Series	3 Series	3 Series GT	4 Series	5 Series	7 Series	X3	X5
Year	2012+	2004-2017	2007+	2008+	2010-2017	2011+	2008+	2013+

BMW BOOT HANDLE REVERSE CAMERA

MM0702




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	108mm x 37mm

Model	1 Series Cab	X1	3 Series	5 Series	X6
Year	2010+	2010-2017	2005-2011	2003-2010	2008-2014

BMW NUMBER PLATE LIGHT REVERSE CAMERA

MM0884




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	104mm x 32mm

Model	1 Series
Year	2008+

BMW BOOT HANDLE REVERSE CAMERA

MM0828



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	160mm x 45mm

Model	3 Series	4 Series	5 Series	X1
Year	2018+	2019+	2018+	2018+

CITROEN NUMBER PLATE LIGHT REVERSE CAMERA

MM0868



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	75mm x 28mm

Model	C4
Year	2010+

CITROEN NUMBER PLATE LIGHT REVERSE CAMERA

MM0846



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	75mm x 21mm

Model	C4	C5
Year	2010+	2010+

CITROEN NUMBER PLATE LIGHT REVERSE CAMERA

MM0352



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	100mm x 47mm

Model	Berlingo	Nemo (Barn Door)	Dispatch
Year	2008+	2007+	2018+

FIAT NUMBER PLATE LIGHT REVERSE CAMERA

MM0352



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	100mm x 47mm

Model	Fiorino
Year	2007+

FORD NUMBER PLATE LIGHT REVERSE CAMERA

MM0822



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	162mm x 48mm

Model	Transit Mk7	Transit Connect	Transit Courier
Year	2006-2014	2013+	2014+

FORD NUMBER PLATE LIGHT REVERSE CAMERA

MM0522




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	57mm x 25mm

Model	Transit Custom	Transit Mk8
Year	2012+	2014+

FORD BOOT HANDLE REVERSE CAMERA

MM0716




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	200mm x 45mm

Model	Focus	Fiesta
Year	2016+	2018+

FORD BOOT HANDLE REVERSE CAMERA

MM0708




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	134mm x 40mm

Model	Mondeo	Focus	C-Max
Year	2012+	2010-2015	2012-2017

FORD NUMBER PLATE LIGHT REVERSE CAMERA

MM0927




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	72mm x 31mm

Model	Kuga
Year	2014+

FORD BOOT HANDLE REVERSE CAMERA

MM0703




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	93mm x 39mm

Model	Mondeo	Fiesta	Focus	C-Max	S-Max
Year	2008-2011	2008-2017	2008-2009	2008-2012	2008+

FORD BOOT HANDLE REVERSE CAMERA

MM036




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	185mm x 53mm

Model	Mondeo
Year	2017+

FORD NUMBER PLATE LIGHT REVERSE CAMERA

MM025



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	185mm x 51mm

Model	Mondeo
Year	2014-2016

HYUNDAI NUMBER PLATE LIGHT REVERSE CAMERA

MM0842



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	100mm x 33mm

Model	IX35
Year	2009-2012

KIA NUMBER PLATE LIGHT REVERSE CAMERA

MM0576



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	85mm x 38mm

Model	Sportage
Year	2008-2013

LAND ROVER NUMBER PLATE LIGHT REVERSE CAMERA

MM0592



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	79mm x 46mm

Model	RR Sport	Discovery 3	Discovery 4	Freelander
Year	2005-2012	2005-2010	2010+	2006+

LAND ROVER SPOILER MOUNT REVERSE CAMERA

MMT047



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Spoiler Mount
TV Lines	600	Dimensions	44mm x 33mm

Model	RR Sport
Year	2010-2014

LAND ROVER SPOILER MOUNT REVERSE CAMERA

MMT062



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Spoiler Mount
TV Lines	600	Dimensions	40mm x 40mm

Model	Discovery 4
Year	2012-2014

MERCEDES BOOT HANDLE REVERSE CAMERA

MM0715




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	214mm x 51mm

Model	C Class	CLA	SLC
Year	2014+	2014+	2016+

MERCEDES NUMBER PLATE LIGHT REVERSE CAMERA

MM0592




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	75mm x 30mm

Model	Viano	Vito
Year	2006-2012	2009-2012

MERCEDES NUMBER PLATE LIGHT REVERSE CAMERA

MM0832




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	71mm x 24mm

Model	ML	GL	R Class
Year	2005-2011	2007-2012	2006-2013

MERCEDES BOOT HANDLE REVERSE CAMERA

MM0705




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	128mm x 53mm

Model	C Class
Year	2014+

MERCEDES NUMBER PLATE LIGHT REVERSE CAMERA

MM0831




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	49mm x 33mm

Model	C Class	CLA	E Class
Year	2007-2012	2004-2010	2002-2009

MERCEDES NUMBER PLATE LIGHT REVERSE CAMERA

MM0914




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	49mm x 33mm

Model	C Class	E Class	CLS
Year	2012-2014	2010+	2009+

CAMERA SOLUTIONS

MERCEDES ROOF MOUNT REVERSE CAMERA

MMT008



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Roof Mount
TV Lines	600	Dimensions	197mm x 118mm

Model	Sprinter
Year	1999+

MERCEDES NUMBER PLATE LIGHT REVERSE CAMERA

MM0710



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	214mm x 51mm

Model	ML	A Class	Vito (Tailgate)	GL
Year	2011+	2012-2018	2015+	2012+

MERCEDES NUMBER PLATE LIGHT REVERSE CAMERA

MM0918



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	62mm x 31mm

Model	B Class
Year	2011+

CAMERA SOLUTIONS

MITSUBISHI NUMBER PLATE LIGHT REVERSE CAMERA

MMT052



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	75mm x 30mm

Model	L200
Year	2005+

PEUGEOT NUMBER PLATE LIGHT REVERSE CAMERA

MM0352



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	100mm x 47mm

Model	Bipper (Barn Door)	Partner (Barn Door)	Expert (Barn Door)
Year	2008+	2008+	2008+

PORSCHE NUMBER PLATE LIGHT REVERSE CAMERA

MM0585



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	82mm x 36mm

Model	Cayenne
Year	2006-2010

PORSCHE NUMBER PLATE LIGHT REVERSE CAMERA

MM0836




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	79mm x 35mm

Model	Cayenne
Year	2011-2013

SUBARU NUMBER PLATE LIGHT REVERSE CAMERA

MM0538




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	80mm x 33mm

Model	Superb
Year	2012-2013

PORSCHE NUMBER PLATE LIGHT REVERSE CAMERA

MM0936




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	78mm x 26mm

Model	Cayman 718
Year	2016+

SKODA BOOT HANDLE REVERSE CAMERA

MM0701




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	110mm x 48mm

Model	Octavia	Superb
Year	2013-2017	2008-2015

SUBARU NUMBER PLATE LIGHT REVERSE CAMERA

MM0564




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	100mm x 32mm

Model	Outback	Forester	Impreza
Year	2008+	2008+	2008+

SKODA BOOT HANDLE REVERSE CAMERA

MM0802




Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	115°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	112mm x 45mm

Model	Kodiaq	Karoq
Year	2016+	2017+

SKODA BOOT HANDLE REVERSE CAMERA

MM0515



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	115°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	110mm x 48mm

Model	Octavia	Superb
Year	2018+	2015+

TOYOTA NUMBER PLATE LIGHT CAMERA

MM0352



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	100mm x 47mm

Model	Pro Ace
Year	2017+

VAUXHALL NUMBER PLATE LIGHT REVERSE CAMERA

MM0352



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	100mm x 32mm

Model	Vivaro
Year	2019+

VAUXHALL NUMBER PLATE LIGHT REVERSE CAMERA

MM0539



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	104mm x 55mm

Model	Astra	Vectra	Zafira	Insignia	Corsa
Year	2008+	2008-2013	2008+	2009+	2014+

VAUXHALL NUMBER PLATE LIGHT REVERSE CAMERA

MM0820



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	80mm x 30mm

Model	Mokka
Year	2014+

VOLVO NUMBER PLATE LIGHT REVERSE CAMERA

MM0947



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	78mm x 26mm

Model	S40	XC90
Year	2008+	2014+

VOLKSWAGEN NUMBER PLATE LIGHT REVERSE CAMERA

MM0936



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	77mm x 28mm

Model	Golf 7	Polo
Year	2013+	2014+

VOLKSWAGEN BOOT HANDLE CAMERA

MM0701



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	110mm x 48mm

Model	Touareg	Passat Estate	Tiguan
Year	2010+	2014+	2011-2015

VOLKSWAGEN NUMBER PLATE LIGHT REVERSE CAMERA

MM0503



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	78mm x 26mm

Model	Jetta	Touran	Transporter T5	Caddy
Year	2006-2018	2006+	2003+	2004+

VOLKSWAGEN NUMBER PLATE LIGHT REVERSE CAMERA

MMT056



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	77mm x 28mm

Model	Amarok
Year	2010+

VOLKSWAGEN NUMBER PLATE LIGHT REVERSE CAMERA

MM0836



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	77mm x 28mm

Model	Golf 6	Scirocco
Year	2008-2013	2008-2018

VOLKSWAGEN NUMBER PLATE LIGHT REVERSE CAMERA

MM0538

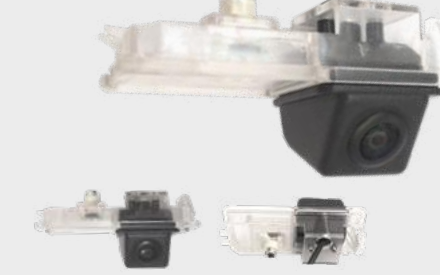


Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Number Plate Light
TV Lines	600	Dimensions	80mm x 33mm

Model	Passat	Polo	New Beetle	EOS	Phaeton
Year	2005-2014	2008+	2010+	2006+	2007+

VOLKSWAGEN BOOT HANDLE REVERSE CAMERA

MM0515



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Boot Handle
TV Lines	600	Dimensions	110mm x 48mm

Model	Tiguan	Caddy
Year	2016+	2017+

VOLKSWAGEN BADGE BOOT HANDLE CAMERA

MM0300



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Badge Boot Handle
TV Lines	600	Dimensions	150mm x 145mm

Model	Golf Mk6	Passat Saloon	Passat CC	T Roc	Arteon
Year	2010+	2014+	2011-2015	2017+	2017+

VOLKSWAGEN NUMBER PLATE LIGHT REVERSE CAMERA

MM0410



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Badge Boot Handle
TV Lines	600	Dimensions	105mm x 109mm

Model	Golf Mk7
Year	2013+

UNIVERSAL WEDGE REVERSE CAMERA

MMT820



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	115°
Gridlines	Loop Wire	Fitment Location	Wedge Fit
TV Lines	600	Dimensions	28mm x 29mm x 25mm
Mirror Image	No	Night Vision	No

UNIVERSAL WEDGE REVERSE CAMERA W/ MOVING LINES

MMT820D



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	115°
Gridlines	Moving	Fitment Location	Wedge Fit
TV Lines	600	Dimensions	28mm x 29mm x 25mm
Mirror Image	No	Night Vision	No

UNIVERSAL WEDGE REVERSE CAMERA

MM6301



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	Loop Wire	Fitment Location	Wedge Fit
TV Lines	480	Dimensions	30mm x 34mm
Mirror Image	No	Night Vision	No

HEAVY DUTY BRACKET MOUNT REVERSE CAMERA

Black - MMCCV087B
White - MMCCV087W



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL	Viewing Angle	120°
Gridlines	No	Fitment Location	Bracket Mount
TV Lines	700	Dimensions	60mm x 85mm
Mirror Image	Switchable	Night Vision	Yes

DUAL HEAVY DUTY BRACKET MOUNT REVERSE CAMERA

Black - MM9770B
White - MM9770W



Image Lens	SONY CCD	Waterproof Rating	IP68
Format	PAL	Viewing Angle	120°
Gridlines	No	Fitment Location	Bracket Mount
TV Lines	600	Dimensions	100mm x 75mm
Mirror Image	Switchable	Night Vision	Yes

UNIVERSAL SIDE VIEW CAMERA

Black - MM406SV
White - MM406SV-W



Image Lens	CMOS	Waterproof Rating	IP66
Format	PAL	Viewing Angle	140°
Gridlines	No	Fitment Location	Side Mount
TV Lines	600	Dimensions	68mm x 56mm
Mirror Image	No	Night Vision	Yes

UNIVERSAL 21MM BULLET CAMERA

MM6331



Image Lens	CMOS	Waterproof Rating	IP66
Format	PAL or NTSC	Viewing Angle	85°
Gridlines	Loop Wire	Fitment Location	Flush Fit
TV Lines	420	Dimensions	21mm x 36mm
Mirror Image	No	Night Vision	No

UNIVERSAL 32MM BULLET CAMERA

MM9306



Image Lens	CMOS	Waterproof Rating	IP66
Format	PAL or NTSC	Viewing Angle	85°
Gridlines	Loop Wire	Fitment Location	Flush Fit
TV Lines	420	Dimensions	32mm x 44mm
Mirror Image	No	Night Vision	Yes

UNIVERSAL NUMBER PLATE REVERSE CAMERA

Black - MM602
White - MM602-W



Image Lens	SONY CCD	Waterproof Rating	IP66
Format	PAL	Viewing Angle	160°
Gridlines	No	Fitment Location	Rear Mount
TV Lines	600	Dimensions	200mm x 28mm x 26mm
Mirror Image	No	Night Vision	Yes

UNIVERSAL BRACKET MOUNT REVERSE CAMERA

MM6207



Image Lens	CMOS	Waterproof Rating	IP66
Format	NTSC	Viewing Angle	100°
Gridlines	Loop Wire	Fitment Location	Bracket Mount
TV Lines	420	Dimensions	35mm x 20mm
Mirror Image	No	Night Vision	No

UNIVERSAL BRACKET MOUNT REVERSE CAMERA

MM116



Image Lens	CMOS	Waterproof Rating	IP66
Format	PAL or NTSC	Viewing Angle	110°
Gridlines	Loop Wire	Fitment Location	Bracket Mount
TV Lines	420	Dimensions	30mm x 35mm
Mirror Image	Loop Wire	Night Vision	No

UNIVERSAL BRACKET MOUNT REVERSE CAMERA

MM128



Image Lens	Sony CCD	Waterproof Rating	IP68
Format	PAL	Viewing Angle	120°
Gridlines	No	Fitment Location	Bracket Mount
TV Lines	600	Dimensions	30mm x 35mm
Mirror Image	No	Night Vision	No

UNIVERSAL BUTTERFLY REVERSE CAMERA

MM106



Image Lens	CMOS	Waterproof Rating	IP66
Format	NTSC	Viewing Angle	110°
Gridlines	Loop Wire	Fitment Location	Bracket Mount
TV Lines	420	Dimensions	38mm x 22mm
Mirror Image	Loop Wire	Night Vision	No

UNIVERSAL MICRO DOME REVERSE CAMERA

MM105



Image Lens	CMOS	Waterproof Rating	IP68
Format	PAL or NTSC	Viewing Angle	85°
Gridlines	Loop Wire	Fitment Location	Hole Saw
TV Lines	600	Dimensions	22mm x 20mm
Mirror Image	Loop Wire	Night Vision	No

UNIVERSAL WEDGE REVERSE CAMERA

MM114



Image Lens	CMOS	Waterproof Rating	IP66
Format	PAL or NTSC	Viewing Angle	100°
Gridlines	Loop Wire	Fitment Location	Rear Mount
TV Lines	420	Dimensions	35mm x 30mm x 30mm
Mirror Image	No	Night Vision	No

UNIVERSAL NUMBER PLATE SURROUND REVERSE CAMERA

MM0310




Image Lens	CMOS	Waterproof Rating	IP66
Format	NTSC	Viewing Angle	100°
Gridlines	Loop Wire	Fitment Location	Number Plate Surround
TV Lines	420	Dimensions	540mm x 136mm
Mirror Image	No	Night Vision	No

UNIVERSAL FORWARD FACING CAMERA

MM9220




Image Lens	Sony CCD	Waterproof Rating	IP68
Format	PAL	Viewing Angle	110°
Gridlines	No	Fitment Location	Front Bracket Mount
TV Lines	600	Dimensions	38mm x 35mm x 30mm
Mirror Image	Loop Wire	Night Vision	No

UNIVERSAL BRACKET MOUNT REVERSE CAMERA

MM9880




Image Lens	Sony CCD	Waterproof Rating	IP68
Format	NTSC	Viewing Angle	105°
Gridlines	No	Fitment Location	Bracket Mount
TV Lines	420	Dimensions	70mm x 45mm
Mirror Image	No	Night Vision	Yes

UNIVERSAL FRONT FACING CAMERA

MM001F




Image Lens	CMOS	Waterproof Rating	IP66
Format	NTSC	Viewing Angle	140°
Gridlines	NO	Fitment Location	Front Facing
TV Lines	420	Dimensions	28mm x 40mm x 40mm
Mirror Image	No	Night Vision	No

UNIVERSAL INTERIOR ROOF MOUNT CAMERA

MM9307




Image Lens	Sony CCD	Waterproof Rating	IP68
Format	PAL	Viewing Angle	105°
Gridlines	No	Fitment Location	Interior Roof Mount
TV Lines	520	Dimensions	85mm x 53mm
Mirror Image	No	Night Vision	Yes

CITROEN BRAKE LIGHT REVERSE CAMERA

PAL - MM09C10P
NTSC - MM09C10N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	No	Fitment Location	Brake Light
TV Lines	700	Dimensions	263mm x 32mm

Model	Dispatch
Year	2016+

CITROEN BRAKE LIGHT REVERSE CAMERA

PAL - MM09C14P
NTSC - MM09C14N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	270mm x 53mm

Model	Dispatch
Year	2011-2016

CITROEN BRAKE LIGHT REVERSE CAMERA

PAL - MM09C5P
NTSC - MM09C5N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	263mm x 46mm

Model	Relay
Year	2006+

FIAT BRAKE LIGHT REVERSE CAMERA

PAL - MM09C5P
NTSC - MM09C5N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	263mm x 46mm

Model	Ducato
Year	2007-2015

FORD BRAKE LIGHT REVERSE CAMERA

PAL - MM09C4P
NTSC - MM09C4N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	386mm x 54mm

Model	Transit	Transit Custom (Up and Over Door)
Year	2014+	2012+

FORD BRAKE LIGHT REVERSE CAMERA

PAL - MM09C16P
NTSC - MM09C16N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	No	Fitment Location	Brake Light
TV Lines	700	Dimensions	194mm x 127mm

Model	Transit Connect
Year	2013+

FORD BRAKE LIGHT REVERSE CAMERA

PAL - MM09C9LEDP
NTSC - MM09C9LEDN



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	190mm x 54mm

Model	Transit Custom (Barn Door with LED)
Year	2012+

IVECO BRAKE LIGHT REVERSE CAMERA

PAL - MM09C7P
NTSC - MM09C7N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	No	Fitment Location	Brake Light
TV Lines	700	Dimensions	250mm x 32mm

Model	Daily
Year	2016+

MERCEDES BRAKE LIGHT REVERSE CAMERA

PAL - MM09C3P
NTSC - MM09C3N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	342mm x 33mm

Model	Sprinter
Year	2007+

NISSAN BRAKE LIGHT REVERSE CAMERA

PAL - MM09C8P
NTSC - MM09C8N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	194mm x 127mm

Model	NV400
Year	2010+

PEUGEOT BRAKE LIGHT REVERSE CAMERA

PAL - MM09C10P
NTSC - MM09C10N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	No	Fitment Location	Brake Light
TV Lines	700	Dimensions	263mm x 32mm

Model	Expert	Traveller
Year	2016+	2016+

PEUGEOT BRAKE LIGHT REVERSE CAMERA

PAL - MM09C14P
NTSC - MM09C14N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	270mm x 53mm

Model	Expert	Traveller
Year	2011-2016	2011-2016

PEUGEOT BRAKE LIGHT REVERSE CAMERA

PAL - MM09C5P
NTSC - MM09C5N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	263mm x 46mm

Model	Boxer
Year	2006 +

RENAULT BRAKE LIGHT REVERSE CAMERA

PAL - MM09C13LEDP
NTSC - MM09C13LEDN



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	194mm x 127mm

Model	Traffic	Combo
Year	2001-2014	2001-2011

RENAULT BRAKE LIGHT REVERSE CAMERA

PAL - MM09C8P
NTSC - MM09C8N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	194mm x 127mm

Model	Master
Year	2010+

RENAULT BRAKE LIGHT REVERSE CAMERA

PAL - MMRVC07P
NTSC - MMRVC07N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	232mm x 72mm

Model	Traffic
Year	2014+

TOYOTA BRAKE LIGHT REVERSE CAMERA

PAL - MM09C10P
NTSC - MM09C10N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	No	Fitment Location	Brake Light
TV Lines	700	Dimensions	263mm x 32mm

Model	Proace
Year	2016+

TOYOTA BRAKE LIGHT REVERSE CAMERA

PAL - MM09C14P
NTSC - MM09C14N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	270mm x 53mm

Model	Proace
Year	2011-2016

VAUXHALL BRAKE LIGHT REVERSE CAMERA

PAL - MM09C10P
NTSC - MM09C10N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	No	Fitment Location	Brake Light
TV Lines	700	Dimensions	263mm x 32mm

Model	Vivaro
Year	2019+

VAUXHALL BRAKE LIGHT REVERSE CAMERA

PAL - MM09C13P
NTSC - MM09C13N

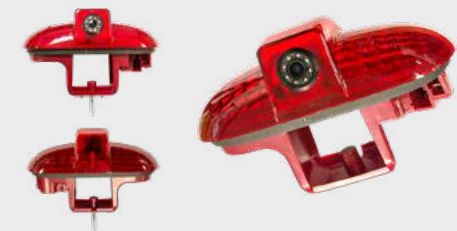


Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	194mm x 127mm

Model	Vivaro
Year	2001-2014

VAUXHALL BRAKE LIGHT REVERSE CAMERA

PAL - MM09C8P
NTSC - MM09C8N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	194mm x 127mm

Model	Movano
Year	2010+

VAUXHALL BRAKE LIGHT REVERSE CAMERA

PAL - MMRVC07P
NTSC - MMRVC07N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	232mm x 72mm

Model	Vivaro
Year	2014-2018

VOLKSWAGEN BRAKE LIGHT REVERSE CAMERA

PAL - MM09C1P
NTSC - MM09C1N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	No	Fitment Location	Brake Light
TV Lines	700	Dimensions	175mm x 39mm

Model	Caddy
Year	2003-2015

VOLKSWAGEN BRAKE LIGHT REVERSE CAMERA

PAL - MM09C11P
NTSC - MM09C11N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	170°
Night Vision	No	Fitment Location	Brake Light
TV Lines	700	Dimensions	187mm x 34mm

Model	T5/T6 (Barn Door)
Year	2009+

VOLKSWAGEN BRAKE LIGHT REVERSE CAMERA

PAL - MM09C3P
NTSC - MM09C3N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	342mm x 33mm

Model	Crafter
Year	2007-2017

VAUXHALL BRAKE LIGHT REVERSE CAMERA

PAL - MM09C12P
NTSC - MM09C12N



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	530mm x 77mm

Model	Crafter
Year	2018+

UNIVERSAL BRAKE LIGHT REVERSE CAMERA

PAL & LED - MM09UNIPLD
NTSC & LED - MM09UNINLED
PAL - MM09UNIP
NTSC - MM09UNIN



Image Lens	SONY CCD	Waterproof Rating	IP69K
Format	PAL or NTSC	Viewing Angle	120°
Night Vision	Yes	Fitment Location	Brake Light
TV Lines	700	Dimensions	194mm x 127mm

LED Downlight: This camera comes with an optional LED downlight.

Accessories

Male Phono to Male Din



MM4PINDIN2

Female Phono to Female Din



MM4PINDIN4

Phono Splitter



Female to two male
MMRCASPL1
Male to two female
MMRCASPL2

4 Pin Din Splitter



MM4PNDNSPL

RCA Adaptor



Male
MMRCAADPM
Female
MMRCAADPF

3.5mm to Phono



MM3.5ADP

Accessories

4 Pin Extension



1M - MM4PINDIN1M
3M - MM4PINDIN3M
5M - MM4PINDIN5M
10M - MM4PINDIN10M
20M - MM4PINDIN20M

Phono Extension



1.2M - MVIDEXT1M
2M - MVIDEXT2M
3M - MVIDEXT3M
5M - MMVIDEXT5M
7M - MVIDEXT7M
10M - MMVIDEXT10M

4 Pin to 4 Pin



MM4PINDIN5

12v Stabiliser



MM1224-STAB

Suzi 7 Pin Cable



MMSUZI

Mini Suzi Cable



MMSUZI8M

MONITOR SOLUTIONS



4.3" DASH MOUNTED MONITOR

MM43MON



Screen Size	4.3"	Triggers	1
Resolution	320 x 234	Wiring	RCA
Format	PAL or NTSC	Mounting Method	Dash Mount
Inputs	1	Audio	No
Aspect Ratio	4:3		

7" QUAD DASH MOUNTED MONITOR

MM709QM



Screen Size	7"	Triggers	4
Resolution	800 x 400	Wiring	4 Pin Din
Format	PAL or NTSC	Mounting Method	Dash Mount
Inputs	4	Audio	No
Aspect Ratio	4:3 or 16:9	Fan bracket included	

5.6" DASH MOUNTED MONITOR

MM562MON



Screen Size	5.6"	Triggers	2
Resolution	480 x 234	Wiring	4 Pin Din
Format	PAL or NTSC	Mounting Method	Dash Mount
Inputs	3	Audio	No
Aspect Ratio	4:3 or 16:9		

7" DASH MOUNTED MONITOR

MM7091DM



Screen Size	7"	Triggers	3
Resolution	800 x 400	Wiring	4 Pin Din
Format	PAL or NTSC	Mounting Method	Dash Mount
Inputs	3	Audio	No
Aspect Ratio	4:3 or 16:9	Fan bracket included	

5.6" DASH MOUNTED MONITOR

MM5621DM



Screen Size	5.6"	Triggers	3
Resolution	480 x 234	Wiring	4 Pin Din
Format	PAL or NTSC	Mounting Method	Dash Mount
Inputs	3	Audio	Yes
Aspect Ratio	16:9	Anti tamper lock feature	

AHD 7" DASH MOUNTED MONITOR

MM7041DM



Screen Size	7"	Triggers	3
Resolution	480 x 234	Wiring	4 Pin Din
Format	PAL or NTSC	Mounting Method	Dash Mount
Inputs	3	Audio	Yes
Aspect Ratio	4:3 or 16:9	Anti tamper lock feature	

4.3" MIRROR MONITOR (STALK MOUNT)

MM01MM



Screen Size	4.3"	Triggers	1
Resolution	480 x 272	Wiring	RCA
Format	PAL or NTSC	Mounting Method	Mirror Stalk
Inputs	2	Audio	No
Aspect Ratio	4:3 or 16:9		

4.3" MIRROR MONITOR (CLIP ON)

MMUNMM



Screen Size	4.3"	Triggers	1
Resolution	480 x 272	Wiring	RCA
Format	PAL or NTSC	Mounting Method	Clip On
Inputs	2	Audio	No
Aspect Ratio	4:3 or 16:9		

FORD TRANSIT & RANGER - 4.3" MIRROR MONITOR (STALK MOUNT)

MM430MON



Screen Size	4.3"	Triggers	1
Resolution	480 x 272	Wiring	RCA
Format	PAL or NTSC	Mounting Method	Mirror Stalk
Inputs	2	Audio	No
Aspect Ratio	4:3 or 16:9		

6.2" MIRROR MONITOR (STALK MOUNT)

MM620BMON



Screen Size	6.2"	Triggers	1
Resolution	480 x 234	Wiring	RCA
Format	PAL or NTSC	Mounting Method	Mirror Stalk
Inputs	2	Audio	No
Aspect Ratio	4:3 or 16:9		

6.2" QUAD MIRROR MONITOR (STALK MOUNT)

MM620QM



Screen Size	6.2"	Triggers	4
Resolution	480 x 234	Wiring	4 Pin Din
Format	PAL or NTSC	Mounting Method	Mirror Stalk
Inputs	4	Audio	No
Aspect Ratio	4:3 or 16:9		

6.2" AHD MIRROR MONITOR (STALK MOUNT)

MM620MAHD



Screen Size	6.2"	Triggers	2
Resolution	480 x 234	Wiring	4 Pin Din
Format	PAL or NTSC	Mounting Method	Mirror Stalk
Inputs	2	Audio	No
Aspect Ratio	4:3 or 16:9		

7" MIRROR MOUNTED MONITOR (STALK MOUNT)

MM700BMON



Screen Size	7"	Triggers	1
Resolution	480 x 234	Wiring	RCA
Format	PAL or NTSC	Mounting Method	Mirror Stalk
Inputs	2	Audio	No
Aspect Ratio	4:3 or 16:9		

7" QUAD MIRROR MOUNTED MONITOR (STALK MOUNT)

MM704QM



Screen Size	7"	Triggers	4
Resolution	480 x 234	Wiring	4 Pin Din
Format	PAL or NTSC	Mounting Method	Mirror Stalk
Inputs	4	Audio	No
Aspect Ratio	4:3 or 16:9		

7" MIRROR MOUNTED MONITOR (CLIP ON)

MM700MM



Screen Size	7"	Triggers	1
Resolution	480 x 234	Wiring	RCA
Format	PAL or NTSC	Mounting Method	Clip On
Inputs	2	Audio	No
Aspect Ratio	4:3 or 16:9		

6.2" MIRROR MONITOR (STALK MOUNT) W/ MIRROR LINK

MM620ML



MIRROR LINK
via Wi-Fi

Share your phone's screen to your monitor to take advantage of your preferred navigation app.

Screen Size	6.2"	Triggers	1
Resolution	480 x 234	Wiring	RCA
Format	PAL or NTSC	Mounting Method	Mirror Stalk
Inputs	2	Audio	Yes
Aspect Ratio	4:3 or 16:9		

7" MIRROR MOUNTED MONITOR (STALK MOUNT)

MM702MM



Screen Size	7"	Triggers	2
Resolution	480 x 234	Wiring	4 Pin Din
Format	PAL or NTSC	Mounting Method	Mirror Stalk
Inputs	2	Audio	No
Aspect Ratio	4:3 or 16:9		

7" MIRROR MONITOR (STALK MOUNT) W/ MIRROR LINK

MM700ML



MIRROR LINK
via Wi-Fi

Share your phone's screen to your monitor to take advantage of your preferred navigation app.

Screen Size	7"	Triggers	1
Resolution	480 x 234	Wiring	RCA
Format	PAL or NTSC	Mounting Method	Mirror Stalk
Inputs	2	Audio	Yes
Aspect Ratio	4:3 or 16:9		

Accessories

Fan Bracket 1



Size: 100mm x 97mm
MMFB01

Fan Bracket 2



Size: 118mm x 90mm
MMFB02

Mirror Mounting Stalk #65



VOLKSWAGEN
RENAULT
LDV
MMB65

Mirror Mounting Stalk #45



FIAT
IVECO
PEUGEOT
FORD
MERCEDES
MMB45

Mirror Mounting Stalk #12



VAUXHALL
MMB12

Mirror Mounting Stalk #03



VOLKSWAGEN
MMB03

Mirror Mounting Stalk #09



FORD
UNIVERSAL
MMB09

Mirror Mounting Stalk #95



FIAT
IVECO
MMB95

Universal Fixing Mirror Boss



Included with our MMB09 Universal stalk. This can be used to adhere a mirror monitor to a windscreen when no factory boss is present using the mounting glue MM3118. (Excludes MM0430MON monitor).

Mirror Mounting Stalk #71



MERCEDES
MMB71

Mirror Mounting Stalk #48



FORD RANGER
MMB48

Mirror Mounting Glue



This high-bond glue is used for mounting the boss to the windscreen of a vehicle that does not already have a rear view mirror.

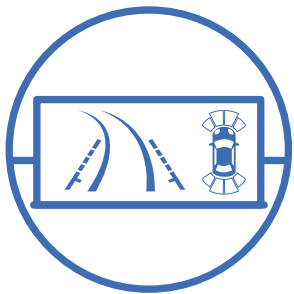
MM3118

OEM CAMERA INTEGRATION

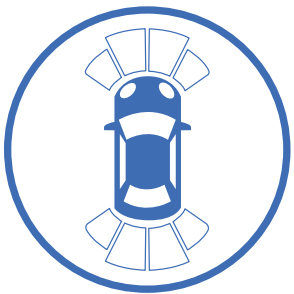
OEM CAMERA INTEGRATION

FACTORY SCREEN INTEGRATION

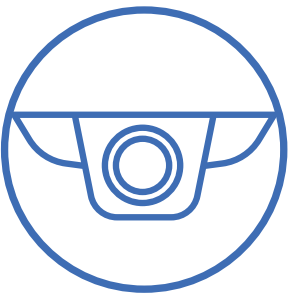
Motormax offer a wide variety of integration solutions compatible with many manufacturers, utilising the vehicle's factory screen to input a front or/and reversing camera.



Factory Fitted
Screen Display



Factory Fitted
Sensor Overlay



Factory Fitted
Look Camera



Steering Linked
Parking Lines

Make



Model



Year



COMPATIBILITY CHECK

To improve efficiency give us a call or send photos of the vehicle headunit along with make, model and year for us to confirm compatibility.

OEM CAMERA INTEGRATION

AUDI MMI CONCERT/SYMPHONY

MM-AUDI-CS



Compatibility Check



- Audi concert or symphony text above radio controls.
- 6.5" Screen
- No navigation

Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	2012 Onwards	Coding	Not Required
Optical Park Overlay	2012 Onwards	Additional Features	

Model	A4 (B8/8K/8H)	A5 (8T)	A5 (8F)	A6	Q5 (8R)
Year	2007-2015	2007-2011	2011-2015	2007-2018	2008-2017

OEM CAMERA INTEGRATION

AUDI 3G NAVIGATION (HEATING CONTROL PLUG)

MM-AUDI-3G-HC



Compatibility Check



- Two SD Card slots above the radio controls.
- Navigation

Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	A4 (B8/B8.5)	A5 (8T)	A6 (C7)	A7 (4G8)	Q5 (8R)	Q7 (4L)	A8 (D4)
Year	2008-2015	2008-2015	2012-2016	2012-2015	2008-2015	2012-2015	2012-2015

AUDI 3G NAVIGATION (CAN GATEWAY PLUG)

MM-AUDI-3G-CG



Compatibility Check



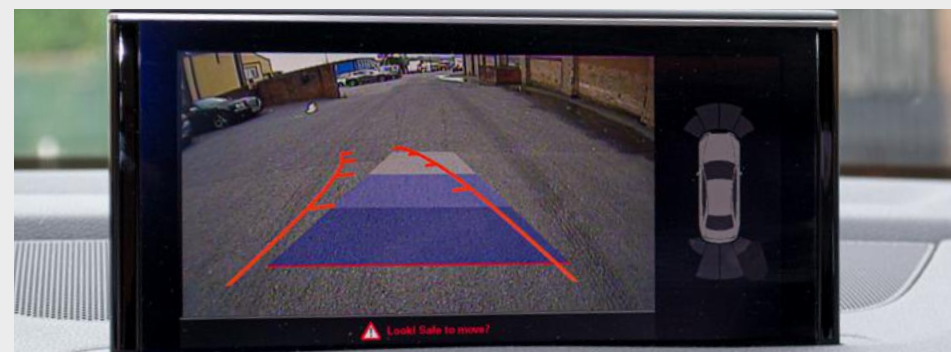
- Two SD Card slots above the radio controls.
- Navigation

Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	A1 (8X)	Q3 (8U)	Q5 (8R)
Year	2010-2018	2011-2018	2012-2015

AUDI MIB2

MM-MIB2



Compatibility Check



- 5F single din unit in the glovebox.
- Up to a 8" Screen

Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	A3 (8V)	A4 (8W)	A5 (F5)	A7 (4G)	Q5 (FY)	Q7 (4M)
Year	2014+	2016+	2016+	2016+	2017+	2016+

OEM CAMERA INTEGRATION

AUDI MIB2 Q2

MM-MIB2-Q2



Compatibility Check



• 5F single din unit in the glovebox

Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model Q2 (GA)

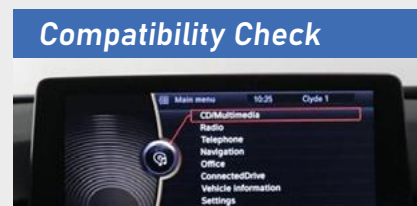
Year 2018+

BMW IDrive CIC

MM-BMW-CIC



Compatibility Check



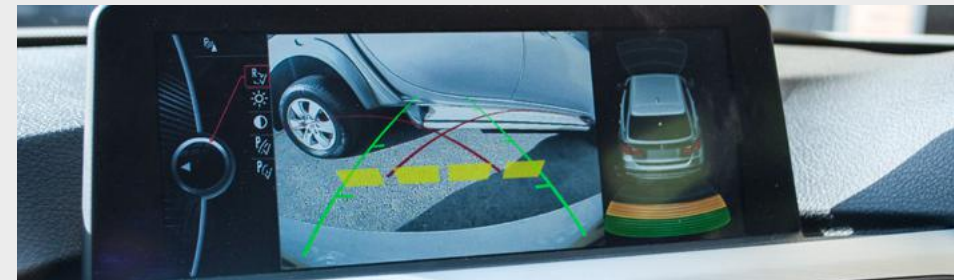
Fitment Type	4 Wire Fit	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	1 Series (E81/E82/E87/E88)	3 Series (E90/E91/E92/E93)	5 Series (E60/E61/F10/F11)	5 Series GT (F07)	6 Series (E63/F12/F13)	7 Series (F01/F02)
Year	2009-2011	2009-2011	2009-2012	2009-2012	2009-2012	2009-2012
Model	X1 (E84)	X3 (F25)	X5 (E70)	X6 (X70)	Z4 (E89)	
Year	2009-2014	2010-2012	2009-2013	2009-2015	2009+	

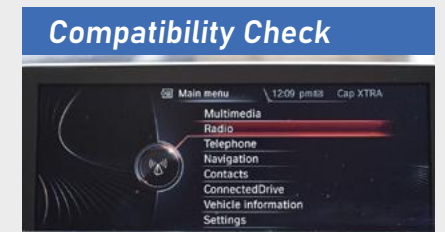
OEM CAMERA INTEGRATION

BMW IDrive NBT

MM-BMW-NBT



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

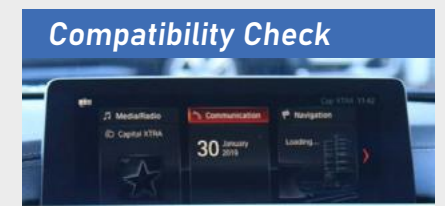
Model	1 Series (F20/F21)	2 Series (F22/F45)	3 Series / GT (F30/F31/F32/F33)	4 Series	5 Series / GT (F10/F11)	6 Series (F12/F13)	7 Series (F01/F02)
Year	2011-2017	2014-2016	2011-2017	2014-2017	2012-2017	2012-2017	2012-2016
Model	X3 Series (F25)	X4 Series (F26)	X5 Series (F15)	X6 Series (F16)	i3	i8	
Year	2012-2017	2014-2017	2014-2017	2014-2017	2014-2017	2014-2017	

BMW IDrive NBT EVO

MM-BMW-NBTEVO



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	1 Series (F52)	2 Series (F22/F23/F45/F46)	3 Series (F30/F31)	4 Series (F32/F33/F36)	5 Series / GT (G30/G31)	6 Series (F06)
Year	2017+	2017+	2017+	2017+	2017+	2017+
Model	7 Series (G11/G12)	X1 (F48)	X3 (F25)	X4 (F26)	X5 (F15)	X6 (F16)
Year	2017+	2017+	2017+	2017+	2017+	2017+

OEM CAMERA INTEGRATION

BMW IDRIVE 7 (ID7)

MM-BMW-ID7



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

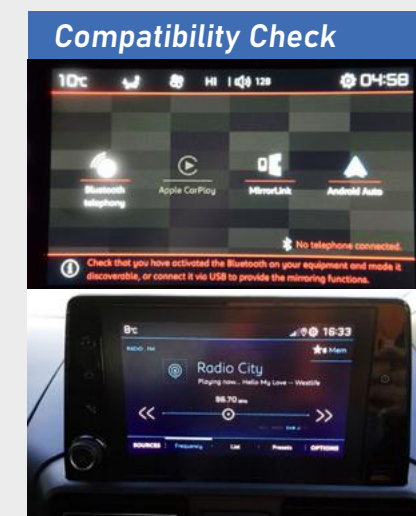
Model	1 Series	2 Series	3 Series	4 Series	5 Series	7 Series
Year	2020+	2021+	2020+	2021+	2021+	2020+
Model	8 Series	X3	X4	X5	X6	X7
Year	2019+	2020+	2020+	2020+	2020+	2020+

CITROEN NAC

MM-PEU-NAC



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	C3 Aircross	C4 Picasso	C6	Jumpy	DS4	DS5	Space Tourer	Berlingo
Year	2017+	2017+	2017+	2017+	2017+	2017+	2017+	2017+

CITROEN SMEG

MM-PEU-SMEG



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	C3	DS3	C4	C4 Picasso	DS4	C5	DS5	Berlingo
Year	2015-2017	2015-2017	2015-2017	2015-2017	2015-2017	2015-2017	2015-2017	2015-2017

DACIA MEDIA NAV

MM-RC-REN-MV



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	No	Coding	Dongle Included
Optical Park Overlay	Yes	Additional Features	


Model	Duster	Logan	Sandero
Year	2015+	2015+	2015+

OEM CAMERA INTEGRATION

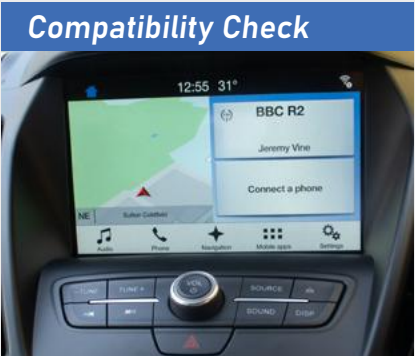
OEM CAMERA INTEGRATION

FORD SYNC 3

MM-FORD-SYNC23



Compatibility Check



- 5 Icons on the home screen.
- Navigation

Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	No	Coding	Dongle Required
Optical Park Overlay	Yes	Additional Features	

Model	Fiesta	Mondeo	Galaxy	Ranger	SMAX	Kuga
Year	2017+	2014+	2014+	2014+	2014+	2016+
Model	Focus	CMAX	Transit	BMAX	Mustang	EcoSport
Year	2016+	2017+	2017+	2017+	2017+	2017+

JAGUAR GENERATION 3

MM-LR-G3



Compatibility Check




- Vehicle must be automatic transmission.

Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	


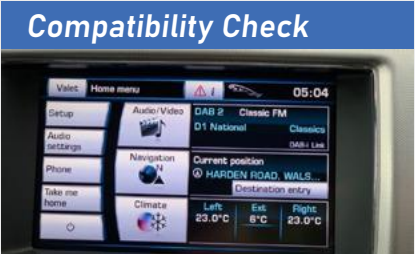
Model	F Type	XF	XJ
Year	2014-2016	2012-2015	2010-2015

JAGUAR GENERATION 3

MM-RC-JLR3



Compatibility Check




Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	No	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	



Model	F Type	XF	XJ
Year	2014-2016	2012-2015	2010-2015

JAGUAR GENERATION 4 (8" SCREEN)

MM-LR-G4



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	F Pace	F Type	XF	XJ	XE
Year	2016+	2015+	2015+	2015+	2015+

OEM CAMERA INTEGRATION

JAGUAR GENERATION 5 10" (SCREEN INSTALL)

MM-LR-G5-SC



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	F Pace	F Type	XF	XJ	XE
Year	2016+	2015+	2015+	2015+	2015+

JAGUAR GENERATION 5 10" (HEADUNIT INSTALL)

MM-LR-G5-HU



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	F Pace	F Type	XF	XJ	XE
Year	2016+	2015+	2015+	2015+	2015+

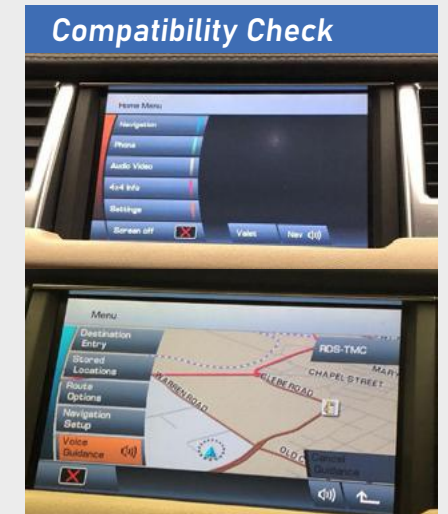
OEM CAMERA INTEGRATION

LAND ROVER GENERATION 2

MM-RC-JLR2



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	No	Coding	Not Required
Optical Park Overlay	No	Additional Features	

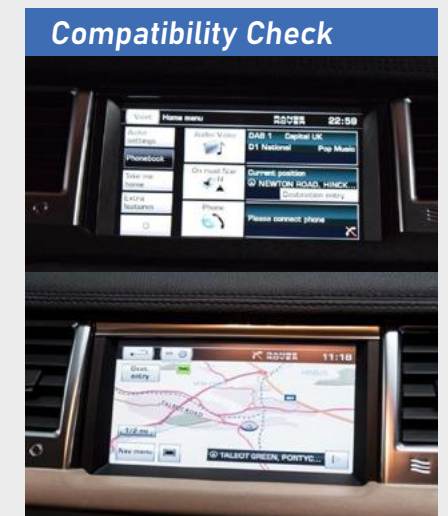
Model	Range Rover Vogue (L322)	Range Rover Sport (L320)	Discovery 4 (L319)
Year	2010-2012	2010-2011	2010-2011

LAND ROVER GENERATION 3

MM-RC-JLR3



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	No	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	


Model	Discovery 4	Evoque	Range Rover	Range Rover Sport
Year	2012-2015	2012-2015	2010-2015	2012-2015

OEM CAMERA INTEGRATION


OEM CAMERA INTEGRATION

LAND ROVER GENERATION 3

MM-LR-G3



Compatibility Check



• Vehicle must be automatic transmission.

Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Discovery 4	Evoque	Range Rover	Range Rover Sport
Year	2012-2015	2012-2015	2012-2015	2012-2015

LAND ROVER GENERATION 5 10" (SCREEN INSTALL)

MM-LR-G5-SC



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Discovery 5	Discovery Sport	Evoque	Range Rover	Range Rover Sport
Year	2015+	2015+	2015+	2015+	2015+

LAND ROVER GENERATION 4 (8" SCREEN)

MM-LR-G4



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Discovery 5	Discovery Sport	Evoque	Range Rover	Range Rover Sport
Year	2015+	2015+	2015+	2015+	2015+

LAND ROVER GENERATION 5 10" (HEADUNIT INSTALL)

MM-LR-G5-HU



Compatibility Check



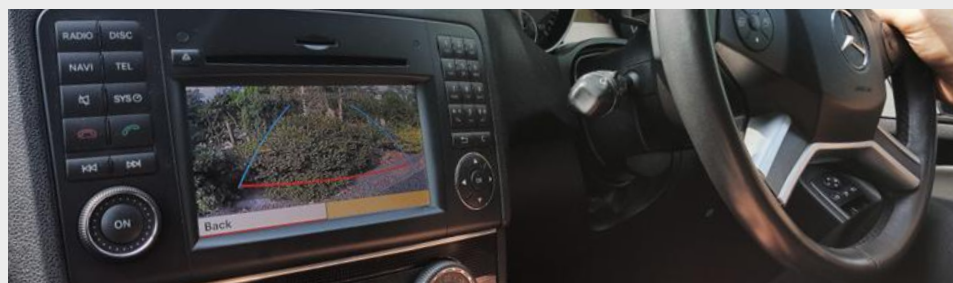
Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Discovery 5	Discovery Sport	Evoque	Range Rover	Range Rover Sport
Year	2015+	2015+	2015+	2015+	2015+

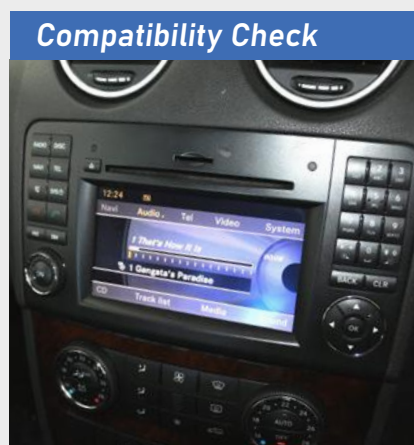
OEM CAMERA INTEGRATION

MERCEDES NTG 2.5

MM-RC-MB-NTG2.5



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	No	Coding	Dongle Required
Optical Park Overlay	Yes	Additional Features	

Model	A Class (W169)	B Class (W245)	CLK Class (W209)	CLC Class (W219)	E Class (W211)	G Class (W463)
Year	2008-2012	2008-2012	2008-2009	2008-2011	2008-2010	2008-2012
Model	GL Class (X164)	M Class (W164)	R Class (W251)	SLK Class (R171)	SL Class (R230)	
Year	2008-2012	2008-2012	2008-2012	2008-2011	2008+	

OEM CAMERA INTEGRATION

MERCEDES AUDIO 15 (SPRINTER)

MM-RC-MB-AU15



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	No	Coding	Dongle Included
Optical Park Overlay	No	Additional Features	

Model	Sprinter
Year	2012-2018

MERCEDES AUDIO 15 (VITO)

MM-RC-MB-V15



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	No	Coding	Not Required
Optical Park Overlay	No	Additional Features	

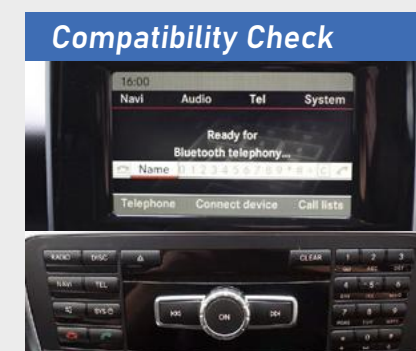
Model	Vito
Year	2012+

MERCEDES NTG 4.5

MM-MB-NTG4.5



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

- Raised dial buttons
- Matt power button


Model	A Class	B Class	C Class	C Class Coupe	CLA	CLS	E Class
Year	2012-2015	2012-2015	2011-2014	2011-2015	2013-2015	2013-2015	2011-2015
Model	E Class Coupe	GLK Class	GLA	ML	SL	SLS	SLK
Year	2011-2015	2011-2015	2014-2015	2011-2015	2012+	2010-2015	2011-2015

OEM CAMERA INTEGRATION


OEM CAMERA INTEGRATION

MERCEDES NTG 5

MM-MB-NTG5



Compatibility Check



• Matt flat dial buttons

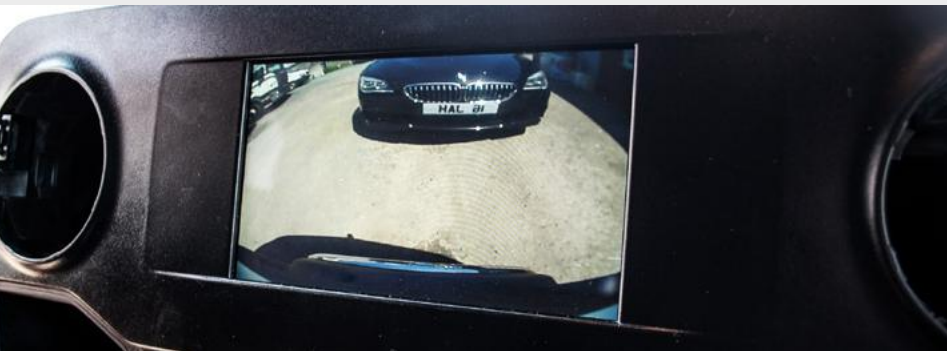
• Gloss power button

Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

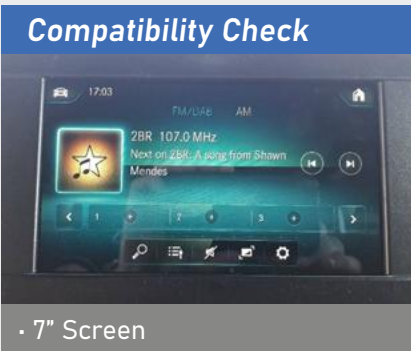
Model	A Class	B Class	C Class	CLA	CLS	E Class
Year	2016-2018	2016+	2015+	2015+	2015+	2015+
Model	GLK Class	GLC	GLA	GLE	S Class	SLK
Year	2015+	2016+	2015+	2015+	2014+	2015+

MERCEDES NTG6

MM-MB-NTG6



Compatibility Check




• 7" Screen

Fitment Type	2 Wire Fit	Camera Inputs	Rear & Secondary
Moveable Gridlines	No	Coding	Not Required
Optical Park Overlay	No	Additional Features	PAL Compatible


Model	Sprinter
Year	2018+

PEUGEOT SMEG

MM-PEU-SMEG



Compatibility Check

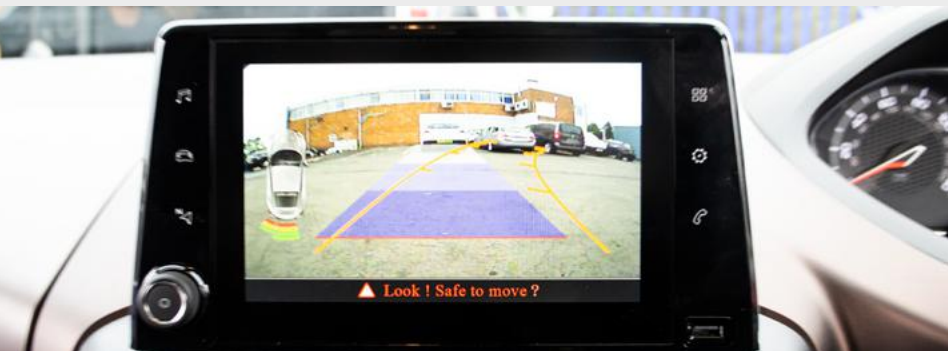


Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	


Model	208	2008	308	508
Year	2013-2016	2013-2016	2013-2016	2014-2016

PEUGEOT NAC

MM-PEU-NAC




Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	208	308	2008	3008	4008	5008	Expert	Traveller
Year	2017+	2017+	2017+	2017+	2017+	2017+	2017+	2017+

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OEM CAMERA INTEGRATION

PORSCHE PCM 3.1

MM-PO-PCM3.1



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

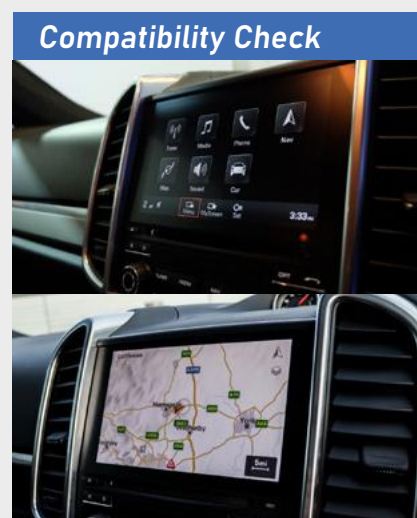
Model	Boxster	Cayenne	Cayman	911	Macan	Panamera
Year	2013+	2010+	2013+	2013+	2014+	2009+

PORSCHE PCM 4.0 (MIB2)

MM-MIB2



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Boxster	Cayenne	Cayman	911	Macan	Panamera
Year	2013+	2010+	2013+	2013+	2014+	2009+

OEM CAMERA INTEGRATION

RENAULT MEDIA NAV

MM-RC-REN-MV



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Captur	Clio	Kangoo	Master	Megane	Trafic	Twingo
Year	2013+	2010+	2013+	2013+	2014+	2009+	2013+

SEAT MIB 2

MM-MIB2



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Arona	Leon	Ibiza	Ateca
Year	2017+	2013+	2013+	2016+

OEM CAMERA INTEGRATION

SKODA MIB 2

MM-MIB2



Compatibility Check



- 5F single din unit in the glovebox
- 6"-8" Screen

Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Fabia	Karoq	Kodiah	Superb
Year	2014+	2017+	2017+	2015+

SKODA MIB 2

MM-MIB2-VD



Compatibility Check



- 5F single din unit in the glovebox
- 9" Screen

Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Superb	Karoq	Kodiah	Octavia
Year	2015+	2017+	2017+	2013+

OEM CAMERA INTEGRATION

VAUXHALL MEDIA NAV

MM-RC-REN-MV



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	No	Coding	Dongle Included
Optical Park Overlay	Yes	Additional Features	

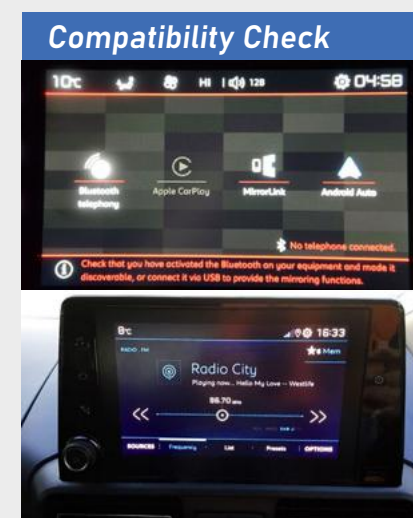
Model	Movano	Vivaro
Year	2016+	2016+

VAUXHALL NAC

MM-PEU-NAC



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Front & Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Combo
Year	2019+

OEM CAMERA INTEGRATION

OEM CAMERA INTEGRATION

VOLKSWAGEN RNS315/RNS510 AMAROK (REQUIRES CODING)

MM-VW-RNS315-AMAROK



Compatibility Check



• Must have RNS315 or RNS510 navigation unit.

Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	Yes	Coding	Required (VCDS)
Optical Park Overlay	Yes	Additional Features	Camera Included

Model

Year

Amarok

2008-2016

VOLKSWAGEN RNS315/RNS510 (REQUIRES CODING)

MM-VW-RNS315



Compatibility Check



• Must have RNS315 or RNS510 navigation unit.

Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	Yes	Coding	Required (VCDS)
Optical Park Overlay	Yes	Additional Features	Wedge Camera Included

Compatible with any vehicle fitted with RNS315 or RNS510 navigation unit.

VOLKSWAGEN RNS315/510 GOLF VI (REQUIRES CODING)

MM-VW-RNS315-RGB801



Compatibility Check



• Must have RNS315 or RNS510 navigation unit.

Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	Yes	Coding	Required (VCDS)
Optical Park Overlay	Yes	Additional Features	MM0300 Camera Included

Model

Year

Golf 6

2008-2012

VOLKSWAGEN RNS315/510 GOLF VI (REQUIRES CODING)

MM-RC-MB-AU15



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	No	Coding	Dongle Included
Optical Park Overlay	No	Additional Features	

Model

Year

Crafter

2012-2017

OEM CAMERA INTEGRATION

VOLKSWAGEN TOUAREG RNS850C

MM-AUDI-3G



Compatibility Check



Fitment Type	4 Wire Fit	Camera Inputs	Rear
Moveable Gridlines	No	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	Touareg
Year	2011-2018

VOLKSWAGEN TOUAREG RNS850C (REQUIRES CODING)

MM-VW-RNS850



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	Yes	Coding	Required (VCDS)
Optical Park Overlay	Yes	Additional Features	

Model	Touareg
Year	2011-2018

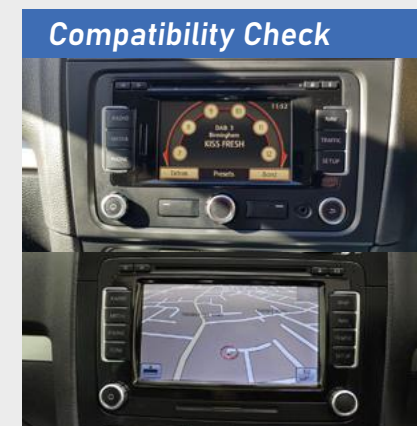
OEM CAMERA INTEGRATION

VOLKSWAGEN RNS315/RNS510 (REQUIRES CODING)

MM-VW-RNS315-909



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	Yes	Coding	Required (VCDS)
Optical Park Overlay	Yes	Additional Features	Camera Included MM0701

• Must have RNS315 or RNS510 navigation unit.

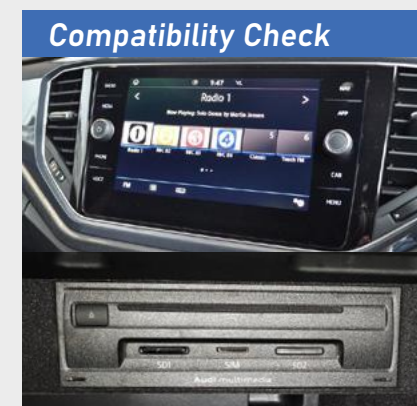
Compatible with any vehicle fitted with RNS315 or RNS510 navigation unit.

VOLKSWAGEN MIB2

MM-MIB2-VD



Compatibility Check



Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	No	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

• 5F single din unit in the glovebox.

Model	Polo (Mk5)	Golf (Mk7)	Tiguan (Mk2)	Golf SV	Passat (B8)
Year	2016-2018	2016-2020	2015+	2015+	2015+
Model	T-Roc	Touran	Arteon	Crafter	T-Cross
Year	2015+	2016+	2015+	2015+	2014+

OEM CAMERA INTEGRATION

VOLKSWAGEN DISCOVERY MEDIA (REQUIRES CODING)

MM-VW-T6RCA



Compatibility Check



- 2 SD Card slots
- NO 5F unit in the glovebox
- Must have factory parking sensors & navigation.

Fitment Type	4 Wire Fit	Camera Inputs	Rear
Moveable Gridlines	Yes	Coding	Required (VCDS)
Optical Park Overlay	Yes	Additional Features	Wedge Camera Included

Model	T6	Beetle	Scirocco	Sharan	Caddy
Year	2016-2020	2016+	2014-2018	2015+	2016-2020

VOLKSWAGEN AMAROK MIB2 (REQUIRES CODING)

MM-MIB2-AMAROK



Compatibility Check



- 2 SD Card slots
- NO 5F unit in the glovebox
- Must have factory parking sensors & navigation.

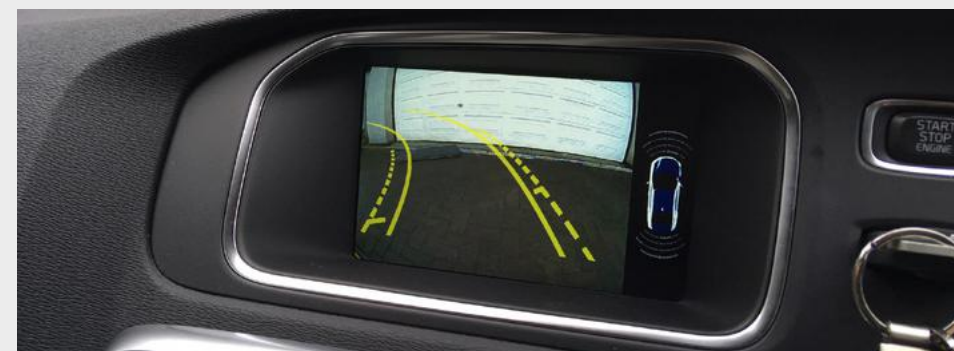
Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	Yes	Coding	Required (VCDS)
Optical Park Overlay	Yes	Additional Features	Camera Included

Model	Amarok
Year	2017+

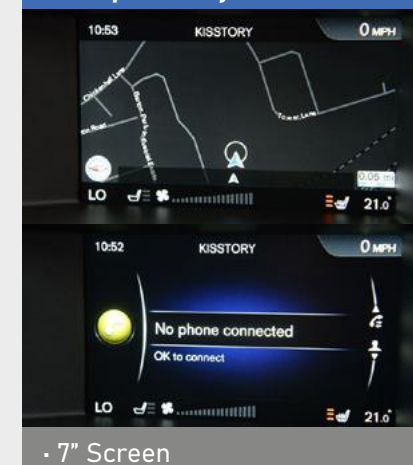
OEM CAMERA INTEGRATION

VOLVO SENSUS

MM-VOL-SENSUS



Compatibility Check

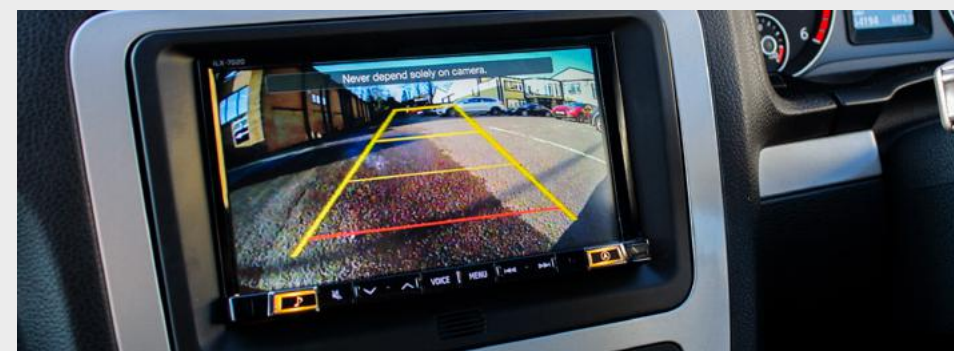


Fitment Type	Plug & Play	Camera Inputs	Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	

Model	V40	V60	V70	XC60
Year	2014+	2013+	2014+	2014+

VOLKSWAGEN AFTERMARKET HEADUNIT

MM-501-RCA



Compatibility Check



Fitment Type	4 Wire Fit	Camera Inputs	Rear
Moveable Gridlines	Yes	Coding	Not Required
Optical Park Overlay	Yes	Additional Features	Camera Included

- Aftermarket headunit
- Vehicle with CAN system
- Camera input

Compatible with any VW vehicle fitted with a compatible aftermarket headunit.

PARKING SENSORS



PARKING SENSORS

FLAT HEAD SENSOR KIT

Matt - MM01MB
Gloss - MM01GB



Finish Type	Matt or Gloss	Detection Range	0.2-1.5M
Volume & Sensitivity Adjustment	Yes	Hole Saw Size	19mm
Sensor Head Size	21mm	Additional Features	Anti Hook
Colour Code Friendly	Yes		

FLUSH FIT SENSOR KIT

MM01FF



Finish Type	Matt	Detection Range	0.2-1.5M
Volume & Sensitivity Adjustment	Yes	Hole Saw Size	17mm
Sensor Head Size	17mm	Additional Features	Anti Hook, Adjustable Collar
Colour Code Friendly	Yes		

ANGLED HEAD SENSOR KIT

Matt - MM05MB
Gloss - MM05GB



Finish Type	Matt or Gloss	Detection Range	0.2-1.5M
Volume & Sensitivity Adjustment	Yes	Hole Saw Size	18.3mm
Sensor Head Size	23mm	Additional Features	Anti Hook, Adjustable Collars (6°, 10° & 13°)
Colour Code Friendly	Yes		

PARKING SENSORS

COMMERCIAL UNDERMOUNT SENSOR KIT

MM04COM



Finish Type	Matt	Detection Range	0.2-1.5M
Volume & Sensitivity Adjustment	Yes	Hole Saw Size	21mm
Sensor Head Size	27mm (Sensor Head) 60mm (Bracket)	Additional Features	Anti Hook, Adjustable Collars (7°, 10° & 13°)
Colour Code Friendly	No		

DOUBLE ENGAGE COMMERCIAL RUBBER SENSOR KIT

MM03DE



Double Engage: Turns off the sensors if reverse is engaged twice within 3 seconds, allowing you to reverse with a trailer attached.

Finish Type	Matt	Detection Range	0.2-1.5M
Volume & Sensitivity Adjustment	Yes	Hole Saw Size	21mm
Sensor Head Size	27mm	Additional Features	Anti Hook
Colour Code Friendly	No		

COMMERCIAL RUBBER SENSOR KIT

MM03COM



Finish Type	Matt	Detection Range	0.2-1.5M
Volume & Sensitivity Adjustment	Yes	Hole Saw Size	21mm
Sensor Head Size	27mm	Additional Features	Anti Hook
Colour Code Friendly	No		

DOUBLE ENGAGE COMMERCIAL RUBBER SENSOR KIT

MM03DE



Double Engage: Turns off the sensors if reverse is engaged twice within 3 seconds, allowing you to reverse with a trailer attached.

Finish Type	Matt	Detection Range	0.2-1.5M
Volume & Sensitivity Adjustment	Yes	Hole Saw Size	21mm
Sensor Head Size	27mm	Additional Features	Anti Hook
Colour Code Friendly	No		

DEDICATED FRONT PARKING SENSORS

MM06WP

The waterproof kit is designed to operate with the control box fitted to the external body of the vehicle.



Undermount
Brackets
available with this kit.



Finish Type	Matt	Detection Range	0.3-0.8M
Volume & Sensitivity Adjustment	Yes	Hole Saw Size	21mm
Sensor Head Size	27mm	Additional Features	Waterproof
Colour Code Friendly	No		

DEDICATED FRONT PARKING SENSORS

Matt - MM05FS

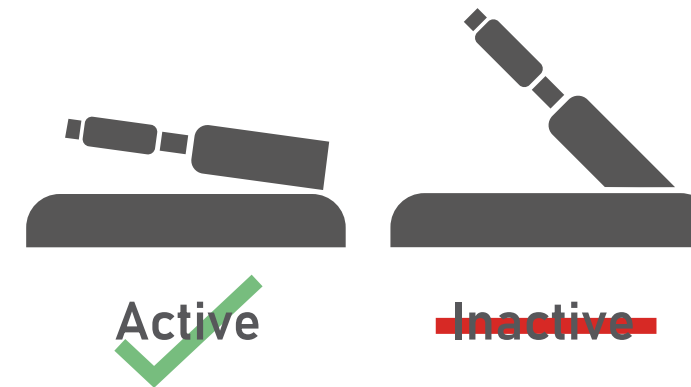
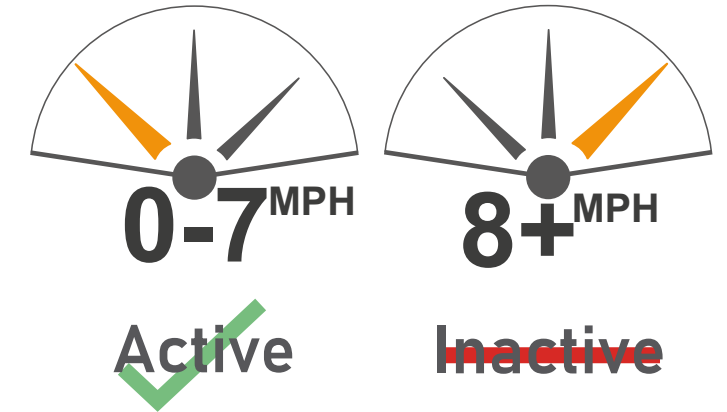
The front kit is designed to operate via the brake switch or an accessory CAN bus module.
(We highly recommend using a CAN bus module)



Finish Type	Matt	Detection Range	0.3-0.8M
Volume & Sensitivity Adjustment	Yes	Hole Saw Size	18.3mm
Sensor Head Size	23mm	Additional Features	Anti Hook, Adjustable Collars (6°, 10° & 13°)
Colour Code Friendly	Yes	Also Supplied with 4.3M cables to remove the requirement for extension leads.	

SPEED ACTIVATION*

The sensors are designed to operate at low speeds, enabling the sensors to automatically operate below 8MPH. This avoids false alarming during general road use.



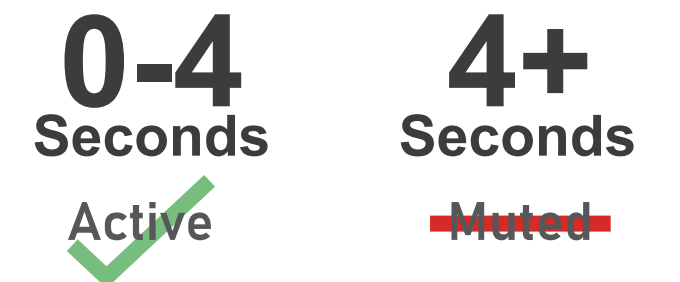
HANDBRAKE FEATURE*

The front parking sensors will only be active whilst the hand brake is disengaged. This will stop the sensors from alarming whilst stationary.



TRAFFIC OBSTRUCTION MUTE

If the sensors see an obstruction for a consistent 4 seconds the sensors will automatically mute. This is to avoid continuous alarming whilst in close proximity traffic.



*When used with a CAN bus module.

Accessories

Visual Display



Supplied with splitter to connect audible buzzer.

MMDISP2

Audible Visual Display



Supplied with 8M cable.

MMDISP1

Switch



MMSW01

CAN Module



Supplies the following outputs:

- Speed under 8MPH
- Handbrake

MMPSSM2

2M Extension



MM2.0EXT

5M Extension



MM5.0EXT

Accessories

5M Buzzer Extension



MM5MBZEXT

5M Display Extension



MM5MDSPEXT

Buzzer



MMBZ01

MM01 Sensor Heads (4)



MM01MBH

MM05 Sensor Heads (4)



MM05MBH

MM03 Sensor Heads (4)



MM03COMH

CARBON FIBRE HEATED SEATS



HEATED SEATS

2 PAD & 2 HEAT SETTING

MMHS01



Features

- Carbon fibre
- 1 seat included
- 2 stage heat setting
- 2 heat pad elements per seat (back and base of seat)
- Heat equivalent to OEM fitment
- PCP board for continuous heat flow

4 PAD & 2 HEAT SETTING

MMHS02



Features

- Carbon fibre
- 1 seat included
- 2 stage heat setting
- 4 heat pad elements per seat (back and base of seat)
- Heat equivalent to OEM fitment
- PCP board for continuous heat flow

4 PAD & 2 HEAT SETTING

MMHS03



Features

- Carbon fibre
- 1 seat included
- 3 stage heat setting
- 2 heat pad elements per seat (back and base of seat)
- Heat equivalent to OEM fitment
- PCP board for continuous heat flow

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