

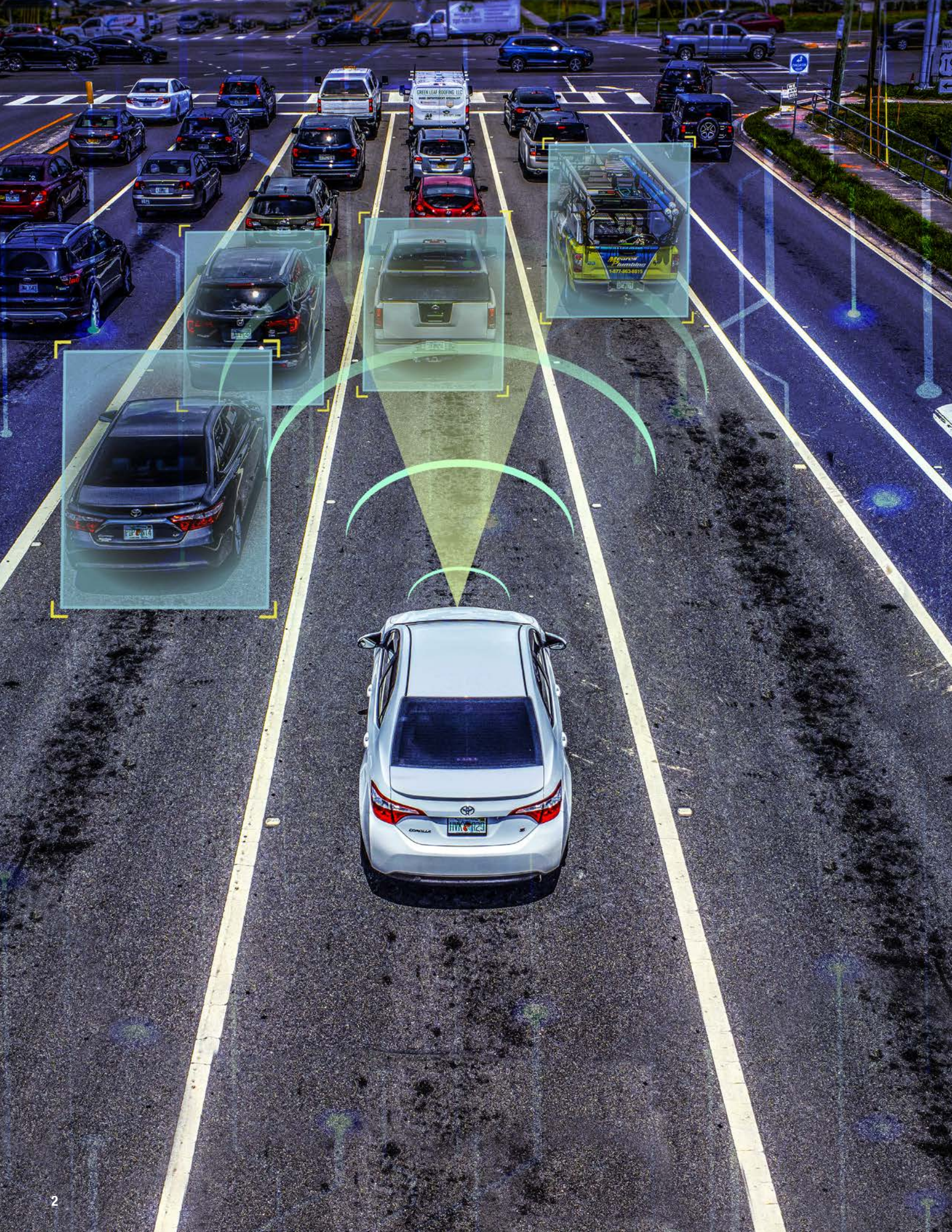


ECHOMASTER

PRODUCT CATALOG

2023

Safe Driving Starts Here



Meet



ECHOMASTER

Safe Driving Starts Here

In a world where road accidents are commonplace, consumers and commercial customers alike are looking to reduce risk, increase safety, and protect their investments. EchoMaster provides a full range of safety products to address those needs and constantly innovates to meet future requirements.

Protect Your Precious Cargo

Whether you are reversing the family car or guiding a fleet of vehicles, EchoMaster is always right beside you, offering a high-quality range of trusted safety solutions for any situation.

Innovation

EchoMaster is driven to discover new technologies that enhance safety.

Development

Guided by the desire to constantly improve, EchoMaster's employees share ideas and work together to enhance the customer experience.

Experience

EchoMaster is the result of years of safety know-how; it is greater than the sum of its parts.

Integration

Leveraging our camera technology and plastic molding, our side blind spot systems include proprietary side mirror caps with integrated cameras.



Warranty Information



Warranty Information

EchoMaster Pro branded automotive product(s) purchased from an AAMP Global Authorized Dealer and/or new car dealership, and installed in the original vehicle, are free from defects in materials or workmanship under normal use and conditions for a minimum period of 3 Years or 36,000 miles from date of retail purchase, whichever comes first.



Warranty Information

EchoMaster branded automotive product(s) purchased from an AAMP Global Authorized Dealer and/or new car dealership, and installed in the original vehicle, are free from defects in materials or workmanship under normal use and conditions for a minimum period of 1 Year from date of retail purchase.

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BLIND SPOT INTEGRATION KITS



Lane Change Assistance for Ford F-150

Proprietary, factory-matched side mirror caps with built-in blind spot elimination cameras, activated by turn signal and integrated with the OE or aftermarket radio. Vehicle-specific integration module is plug-n-play, making installation seamless.

Key Features:

- Includes 2 side mirror caps with built in blind-spot cameras
- Vehicle-specific module integrates cameras into the OEM or aftermarket radio screen; cameras are activated when turn signals are used, or activate front and reverse cameras when the vehicle is placed in reverse or put in drive
- 3 year warranty

FCTP-FD1501



For 2015-2017 Ford F-150

For vehicles equipped OEM 4.2" Radio and OE back-up camera

NOTE: Vehicle must be equipped with a factory reverse camera



FCTP-FD1504



For 2015-2019 Ford F-150

For vehicles equipped with Universal Monitor



FCTP-FD1505



For 2015-2019 Ford F-150

For vehicles equipped with Monitors with Multiple Video Inputs and Switching Capability



BLIND SPOT INTEGRATION KITS

Lane Change Assistance for Ford Transit

Proprietary, factory-matched side mirror caps with built-in blind spot elimination cameras, activated by turn signal and integrated with the OE or aftermarket radio. Vehicle-specific integration module is plug-n-play, making installation seamless.

Key Features:

- Includes 2 side mirror caps with built-in blind-spot cameras
- Vehicle-specific module integrates cameras into the OEM or aftermarket radio screen; cameras are activated when turn signals are used, or activate front and reverse cameras when the vehicle is placed in reverse or put in drive
- 3 year warranty



FCTP-FT1601



For 2016-2018 Ford Transit

For vehicles equipped with OEM 4.2" Radio With or Without Navigation and Tow Mirrors

NOTE: Vehicle must be equipped with a factory reverse camera



FCTP-FT1602



For 2016-2018 Ford Transit

For vehicles equipped OEM 4.2" Radio With or Without Navigation with Non-Tow Mirrors

NOTE: Vehicle must be equipped with a factory reverse camera



FCTP-FT1605T



For 2016-2019 Ford Transit

For vehicles equipped with Monitors with Multiple Video Inputs and Switching Capability with Tow Mirrors



FCTP-FT1605



For 2016-2018 Ford Transit

For vehicles equipped with Monitors with Multiple Video Inputs and Switching Capability with Non-Tow Mirrors



Lane Change Assistance for General Motors Makes Driving and Backing Up Your Trailer Easier!

Whether reversing, driving or parking, this fully integrated, multi-camera solution gives visibility into common truck blind spot areas. The three-camera system, with optional fourth camera, integrates seamlessly into the vehicle's factory infotainment screen.

Utilizing six screen modes, smart technology enables camera activation based on driver behavior; left and right turn signals and placing the truck in reverse activate camera views on the vehicle's infotainment screen. The system alternatively allows for manual activation by the driver.

System Features

Turn Signal

The camera system automatically displays the correlating side view in the center screen when the turn signals are activated.

Driver Selectable Views

Six selectable in-dash touch-screen menu viewing options.



Side View Mirror
Cameras



Six Touch-Screen
Menu Choices



Rear View
Trailer Camera

(Part #: RVC-W2)
See page 31



CHMSL Third Brake
Light
Cameras

(Part #: PCAM-CHMSL-SIL)
See page 21 and 22

BLIND SPOT INTEGRATION KITS



FC-GMCC101-MC

PRO

For 2015-2018 GM Colorado/Canyon

For vehicles equipped with 4" or 8" infotainment and standard mirror blind spot camera system. Chrome mirror caps

Optional Add-Ons:

- 2.4GHz Wireless Camera (RVC-W2)



FC-GMHD101-MC

PRO

For 2015-2019 Heavy Duty GM Trucks

For GM Silverado/Sierra heavy duty trucks equipped with 4" or 8" infotainment and towing mirrors blind spot camera system. Textured black mirror caps

Optional Add-Ons:

- 2.4GHz Wireless Camera (RVC-W2)
- CHMSL (Center High Mount Stop Lamp) Camera (PCAM-CHMSL-SIL)



FC-GMHD103-MC

PRO

For 2016-2017 Heavy Duty Trucks with IOB

For GM Silverado/Sierra heavy duty trucks equipped with 7" infotainment and towing mirrors blind spot camera system. Textured black mirror caps

Optional Add-Ons:

- 2.4GHz Wireless Camera (RVC-W2)
- CHMSL (Center High Mount Stop Lamp) Camera (PCAM-CHMSL-SIL)



FC-GMLD101-MC

PRO

For 2014-2018 Light Duty GM Trucks

For GM Silverado/Sierra light duty trucks equipped with 4" or 8" infotainment and towing mirrors blind spot camera system. Chrome mirror caps

Optional Add-Ons:

- 2.4GHz Wireless Camera (RVC-W2)
- CHMSL (Center High Mount Stop Lamp) Camera (PCAM-CHMSL-SIL)

BLIND SPOT INTEGRATION KITS


FC-GMLD103-MC

PRO

For 2016-2018 Light Duty Trucks with IOB

For GM Silverado/Sierra light duty trucks equipped with 7" infotainment and standard mirrors blind spot camera system. Chrome mirror caps

Optional Add-Ons:

- 2.4GHz Wireless Camera (RVC-W2)
- CHMSL (Center High Mount Stop Lamp) Camera (PCAM-CHMSL-SIL)



FC-GMSUV101-MC

PRO

For 2015-2019 GM Suburban, Yukon, Tahoe

For GM Suburban/ Yukon/ Tahoe vehicles equipped with 4" or 8" infotainment and standard mirrors blind spot camera system. Chrome mirror caps

Optional Add-Ons:

- 2.4GHz Wireless Camera (RVC-W2)



FCTP-GMHD05

PRO

For 2015-2019 Heavy Duty GM Trucks

For GM Silverado/Sierra heavy duty trucks equipped with monitors with multiple video inputs and switching capability.

Includes:

- Textured black mirror caps
- Blind spot cameras
- Camera connection harnesses and adapters



FCTP-GMLD05

PRO

For 2014-2018 Light Duty GM Trucks

For GM Silverado/Sierra light duty trucks equipped with monitors with multiple video inputs and switching capability.

Includes:

- Chrome mirror caps
- Blind spot cameras
- Camera connection harnesses and adapters

BLIND SPOT INTEGRATION KITS



Lane Change Assistance for Mercedes-Benz Sprinter

Proprietary, factory-matched side mirror caps with built-in blind spot elimination cameras, activated by turn signal and integrated with the OE or aftermarket radio. Vehicle-specific integration module is plug-and-play, making installation seamless.

Key Features:

- Includes two side mirror caps with blind-spot cameras
- Vehicle-specific module integrates cameras into the Sprinter's OEM or aftermarket radio screen; cameras are activated when turn signals are used, or activate front and reverse cameras when the Sprinter is placed in reverse or put in drive
- 3 year warranty



FCTP-MB1101



For 2014-2018 Mercedes-Benz Sprinter

For vehicles equipped with Radio Delete



FCTP-MB1102



For 2014-2018 Mercedes-Benz Sprinter

For vehicles with Aftermarket Radio Integration



FCTP-MB1103



For 2014-2018 Mercedes-Benz Sprinter

For vehicles equipped with OEM 5.8" Radio with or without navigation



FCTP-MB1104



For 2014-2018 Mercedes-Benz Sprinter

For vehicles equipped with Universal Monitor



FCTP-MB1105



For 2014-2018 Mercedes-Benz Sprinter

For vehicles equipped with Monitors with Multiple Video Inputs and Switching Capability

BLIND SPOT INTEGRATION KITS



Lane Change Assistance for RAM ProMaster

Proprietary, factory-matched side mirror caps with built-in blind spot elimination cameras, activated by turn signal and integrated with the OE or aftermarket radio. Vehicle-specific integration module is plug-n-play, making installation seamless.

Key Features:

- Includes two side mirror caps with blind-spot cameras
- Vehicle-specific module integrates cameras into the ProMaster's OEM or aftermarket radio screen; cameras are activated when turn signals are used, or activate front and reverse cameras when the vehicle is placed in reverse or put in drive
- 3 year warranty

FCTP-DP1503



For 2014-2018 RAM ProMaster

For vehicles equipped with OEM 5.8" Monitor and Standard or Extended Tow Mirrors



FCTP-DP1504



For 2014-2019 RAM ProMaster

For vehicles equipped with Universal Monitor and Standard or Extended Tow Mirrors



FCTP-DP1505



For 2014-2019 RAM ProMaster

For vehicles equipped with Monitors with Multiple Video Inputs and Switching Capability

For Standard or Extended Tow Mirrors



BLIND SPOT INTEGRATION KITS



Lane Change Assistance for RAM Truck

Proprietary, factory-matched side mirror caps with built-in blind spot elimination cameras, activated by turn signal and integrated with the OE or aftermarket radio. Vehicle-specific integration module is plug-n-play, making installation seamless.

Key Features:

- Includes two side mirror caps with blind-spot cameras
- Vehicle-specific module integrates cameras into the OEM or aftermarket radio screen; cameras are activated when turn signals are used, or activate front and reverse cameras when the vehicle is placed in reverse or put in drive
- 3 year warranty



FCTP-DR1303



For 2013-2018 RAM Truck

For vehicles equipped with OEM 5" or 8.4" Monitor and Standard Mirrors with Turn Signals



FCTP-DR1304



For 2013-2018/2019 Classic RAM Truck

For vehicles equipped with Universal Monitor and Standard Mirrors with Turn Signals



FCTP-DR1305



For 2013-2018/2019 Classic RAM Truck

For vehicles equipped with Monitors with Multiple Video Inputs and Switching Capability

For Standard Mirrors with Turn Signals

BLIND SPOT KITS



Lane Change Assistance for JEEP

Simplify lane changing and say goodbye to dangerous blind spots with these versatile, durable blind spot cameras.

Key Features:

- 2-set kit
- Added safety with doors removed, can be used with doors on or off, pre-assembled with everything included for easy installation.
- Reversible installation, no permanent modifications to the vehicle
- PATENT PENDING
- 3 year warranty

BCKITJK



For 2007 - 2018 Jeep Wrangler JK

Made for direct connection to HEIGH10 or can be used with any monitor* that has composite NTSC video input *(PAC VS-41 required - not included)



BCKITJLJT



For 2018 + Jeep Wrangler JL and 2020 + Jeep Gladiator

Made for direct connection to HEIGH10 or can be used with any monitor* that has composite NTSC video input *(PAC VS-41 required - not included)



FRONT CAMERA KITS



Front Camera for JEEP with 8.4" Uconnect radio

Get an unobstructed view of what is in front of your Jeep on-road or off-road.

Key Features:

- Added visibility.
- Complete Plug-and Play solution that includes everything for an easy install.
- Standard 5 pin EchoMaster connector with watertight 20' extension.
- PAC Front Camera Interface Module
- 3 year camera warranty

FCIJL18



For 2018 + Jeep Wrangler JL and 2020 + Jeep Gladiator

Made for direct connection to Factory 8.4" Uconnect radio. Includes Plug-and-Play vehicle integration harness.



TAILGATE HANDLE CAMERA INTEGRATION KITS

FC-FF150



For Select 2008 – 2014 F150 and 2008 – 2016 F250/ F350 equipped with 8.4" Non-Nav Screens

Includes:

- Tailgate Camera (PCAM-RAM-N)
- PAC Interface Module (PAC BCI-FD21)

FC-SILV15



For 2014-2018 Chevrolet/GMC 1500 and 2015+ Chevrolet/GMC 2500/3500

Includes:

- Integrated Harness
- Tailgate Camera (PCAM-GM2-N)
- PAC Interface Module (MCI-GM51)

FORD TAILGATE HANDLE CAMERAS

PCAM-FD15-N



For 2015 - 2017 Ford F150

Key Features:

- 1/4" CMOS Senso
- Operates at 0.5 LUX
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Harness Lengths Video Extension: 5.5m/18ft
- Dimensions D x W x H (mm/in): 37mm x 334mm x 124mm/ 3.4" x 13" x 4.9"
- Parking Lines (Selectable)
- Mirrored Image

PCAM-FF150-N



For 2005 - 2014 Ford F150, For 2008 - 2016 Super Duty

Includes:

- Operates at 0.5 LUX
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Harness Lengths Video Extension: 5.5m/18ft
- Dimensions D x W x H (mm/in): 76mm x 203mm x 137mm/ 8" x 8" x 5.4"
- Parking Lines (Selectable)
- Mirrored Image

CHEVROLET/GMC TAILGATE HANDLE CAMERAS



PCAM-GM2-N

PRO

For 2014 - 2018 Chevrolet 1500, For 2015+ Chevrolet/GMC 2500/3500

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Harness Length Video Extension: 6.8m/22ft
- Dimensions D x W x H (mm/in) 73mm x 250mm x 147mm/ 2.9" x 9.8" x 5.8"
- Parking Lines (Selectable)
- Mirrored Image



PCAM-GM3-N

PRO

For 2007 - 2013 Chevrolet Silverado 1500, For 2007 - 2013 GMC Sierra 1500, For 2007 - 2013 Chevrolet/GMC HD 2500/3500

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Includes Optional Insert for Keyhole
- Harness Length Video Extension: 5.5m/18ft
- Dimensions D x W x H (mm/in) 110mm x 280mm x 121mm/ 4.3" x 11" x 4.8"
- Parking Lines (Selectable)
- Mirrored Image
- 3 Year Warranty

DODGE TAILGATE HANDLE CAMERAS



PCAM-RAM-N

PRO

For 2009 – 2017 Dodge Trucks

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- Harness Lengths Video Extension: 5.5m/18ft
- Dimensions D x W x H: 95mm x 239mm x 103mm/ 3.7" x 9.4" x 4"
- Mirrored Image



PCAM-TTC-N

PRO

For 2008 – 2015 Toyota Tacoma

Key Features:

- 1/3" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Harness Lengths Video Extension: 7m/25ft
- Dimensions D x W x H (mm/in)
70mm x 248mm x 87mm/ 2.8" x 9.8" x 3.4"
- Mirrored Image
- Parking Lines



PCAM-TTN

PRO

For 2009 – 2017 Toyota Tundra, For 2016 – 2017 Toyota Tacoma

Key Features:

- 1/3" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- Water/Debris-Proof Rating: IP67
- Harness Lengths Video Extension: 5.5m/18ft
- Dimensions D x W x H (mm/in) 97mm x 271mm x 133mm/ 3.8" x 10.7" x 5.2"
- Mirrored Image
- Parking Lines

CHMSL (3RD BRAKE LIGHT) INTEGRATION KITS



FC-FDFFT

PRO

For 2014 + Ford Transit Full-Sized equipped with Non-Nav Screens

Includes:

- Integrated Harness
- Tailgate Camera (PCAM-FFT14-N)
- PAC Interface Module (BCI-FD21)

FC-GM51-CHMSL

PRO

For 2014 + Chevrolet/GMC 1500 and 2015+ Chevrolet/GMC 2500/3500

Includes:

- Integrated Harness
- PAC Interface Module (MCI-GM51)
- 3rd Brake Light Camera (PCAM-CHMSL-SIL)



FC-MB11-SBL



For Full-Sized 2010 – 2018 Sprinter

Includes:

- Integrated Harness
- PAC Interface Module (BCI-MB11)
- 3rd Brake Light Camera (PCAM-SBL-N)

CHMSL (3RD BRAKE LIGHT) CAMERAS



PCAM-CHMSL-RAM



For 2013 – 2018 RAM Trucks & 2019 Classic Ram Trucks

* For Use With Stock High Mount Brake Light

Key Features:

- Operates at 0.1 LUX
- 80° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Factory Matched 3rd Brake Light Housing
- View on Any Monitor with an RCA Input



PCAM-CHMSL-SIL



For 2014-2018 Chevrolet Silverado, For 2015- 2019 GMC Sierra LD and For 2015 - 2019 Chevrolet Silverado and GMC Sierra HD

* For Use With Stock High Mount Brake Light

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.1 LUX
- 75° Viewing Angle
- IP67 Water/Debris-Proof Rating



PCAM-CHMSL-SIL14



For 2014 – 2015 Chevrolet Silverado, For 2014 - 2015 GMC Sierra * For Use When Removing OEM Tailgate

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.1 LUX
- 75° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Simple Connect at Tailgate Camera Harness Location



PCAM-CHMSL-SIL16

PRO

For 2016 – 2018 Chevrolet Silverado and GMC Sierra LD, For 2016 – 2019 Chevrolet Silverado and GMC Sierra HD
 * For Use When Removing OEM Tailgate

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.1 LUX
- 75° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Simple Connect at Tailgate Camera Harness Location



PCAM-FFT14-N

PRO

For 2014 –2017 Ford Transit Full Size Ford Transit

Key Features:

- 1/3" CMOS Sensor
- Operates at 0.1 LUX
- 170° Viewing Angle
- IP68 Water/Debris-Proof Rating
- Harness Length Video Extension: 10m/32ft



PCAM-GM1-N

PRO

For 2003 - 2017 Chevrolet Express Van and GMC Savana Van
 * Includes Night Vision

Key Features:

- 1/4" CMOS Sensor
- Operates at 0 LUX
- 170° Viewing Angle
- Harness Length Video Extension: 10m/32ft
- Parking Lines (Selectable)
- Mirrored Image



PCAM-NV4

PRO

For 2011 – 2016 Nissan NV Van

Includes:

- 1/4" CMOS Sensor
- Operates at 0 LUX
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Harness Length Video Extension: 10m/32ft



PCAM-PM4-N

PRO

For 2014 – 2016 Dodge ProMaster

Includes:

- 1/4" CMOS Sensor
- Operates at 0.3 LUX
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Harness Length Video Extension: 10m/32ft
- Parking Lines (Selectable)
- Mirrored Image

PCAM-SBL-N



For 2010 - 2018 Sprinter Vans

Key Features:

- 1/4" CMOS Sensor
- Operates at 0 LUX
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Harness Length Video Extension: 10m/32ft



BACK-UP CAMERA INTEGRATION KITS

FC-CAMRY



For 2012-2014 Toyota Camry Models equipped with 6.1" Screen

Includes:

- OE Fit Camera
- Integrated Connect Harness



FC-CH21



For Select 2007 – 2018 Chrysler/Jeep/Dodge/RAM Vehicles

Includes:

- Mini Lip-Mount Camera (PCAM-201-N)
- Integrated Harness
- PAC Interface Module (BCI-CH21)



FC-CH41



For Select 2013 – 2018 Dodge/Chrysler/Jeep/RAM Vehicles equipped with 5" or 8.4" Screens

Includes:

- Mini Lip-Mount Camera (PCAM-201-N)
- Integrated Harness
- PAC Interface Module (BCI-CH21)



FC-CIVIC



For 2012 – 2014 Civic and Acura ILX without Factory Navigation

Includes:

- Camera (PCAM-110-N)
- Integrated Connect Harness





FC-CJ300

PRO

For Select Chrysler/Dodge/Jeep Vehicles
(2011 – 2014 Chrysler 300/300C, 2011 – 2016 Dodge Charger, 2014 –2015 Journey with 8.4" Screen)

Key Features:

- Camera (PCAM-201-N)
- Integrated Connect Harness
- * Dealer Programming Required



FC-CJDR

PRO

For Select Chrysler/Dodge/Jeep Vehicles
2009 – 2016 Chrysler Town & Country, Dodge Grand Caravan, Jeep Grand Cherokee & Patriot, 2009 – 2014 Nitro and Liberty 2009 – 2015 Jeep Compass with MyGig

Key Features:

- Camera (PCAM-201-N)
- Integrated Connect Harness
- * Dealer Programming Required



FC-FD21

PRO

For Select Ford Vehicles equipped with 8.4" Non-Nav Screens

Includes:

- Integrated Harness
- PAC Interface Module (BC1-FD21)
- License Plate Camera (PCAM-10L-N)



FC-GCH

PRO

For Select 2014 - 2016 Chrysler/Dodge/Jeep Vehicles
2014 – 2016 Jeep Grand Cherokee and Dodge Durango with 4.3", 5" & 8.4" Screens

Key Features:

- Camera (PCAM-201-N)
- Integrated Connect Harness
- * Dealer Programming Required



FC-GCH-2

PRO

For Select 2014 -2016 Chrysler/Dodge/Jeep Vehicles
2014 – 2016 Dodge Durango and Jeep Grand Cherokee with 4.3", 5" & 8.4" Screens

Key Features:

- Camera (PCAM-201-N)
- PAC Interface Module (BCI-CH21)
- * Applications include select 2007 – 2018 Chrysler/Dodge/Jeep/RAM Vehicles

BACK-UP CAMERA INTEGRATION KITS



FC-GM51

PRO

For Select 2014 – 2018 GM Vehicles equipped with 4.3" and 8" MyLink Systems

Includes:

- Camera (PCAM-10L-N)
- PAC Interface Module (MCI-GM51)



FC-MAZX

PRO

For 2013 – 2014 Mazda CX-9, 2013 – 2015 CX-5, 2013 6 Sedan, 2012 CX-7, and 2013 Mazda 3 Sedan and Wagon equipped with Factory LCD Screen

Includes:

- Camera (PCAM-201-N)
- Integrated Connect Harness



FC-MBENZ15

PRO

For Select 2014-2016 Mercedes-Benz

Includes:

- 2014 – 2016 Mercedes Benz Factory Interface
- Back-Up Camera (PCAM-201-N)



FC-ODYS

PRO

For 2011 – 2012 Honda Odyssey equipped with 8" Screen

Includes:

- Camera (PCAM-110-N)
- Integrated Connect Harness



FC-SUBA

PRO

For 2013 – 2014 Subaru Legacy and Outback equipped with 5" Touchscreen

Includes:

- Camera (PCAM-110-N)
- Integrated Connect Harness



FC-TOYO

PRO

For 2013-16 Scion FR-S; 2013-15 Scion iQ, TC, xB; 2013-14 xD; 2013-16 Subaru BRZ; 2012-13 4Runner; 2013-14 Avalon; 2012-14 Camry; 2012-13 Corolla, Highlander; 2012-15 Prius Gen 3; 2012-16 Prius C; 2012-15 Prius V; 2010-13 RAV4; 2012-15 Venza

Includes:

- Camera (PCAM-110-N)
- Integrated Connect Harness

BACK-UP CAMERA INTEGRATION KITS
FC-WRANGLERPRO2
PRO

For 2007 - 2018 Jeep Wrangler equipped with MyGig Radio


Includes:

- IP67 Rated Camera (PCAM-JP3)
- Plug and Play Connect Harness
- Interface Module (BCI-CH21)

BACK-UP CAMERAS
PCAM-JP3
PRO

For 2007 - 2018 Jeep Wrangler

Key Features:

- 1/3" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)


PCAM-JP2
PRO

Select 2007 – 2018 Jeep Wranglers equipped with MyGig Radio, Factory Wheel or Same Size Aftermarket Wheel Spare Tire Mount Camera with Parking Lines

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- Mirrored/Non-Mirrored Image (Selectable)
- Dimensions D x W x H: 22mm x 18mm x 18mm/ 0.8" x .7" x .7"



PCAM-GM1-N



For 2003 - 2017 Chevrolet Express and GMC Savana Van
* Includes Night Vision

Key Features:

- 1/4" CMOS Sensor
- Operates at 0 LUX
- 170° Viewing Angle
- Harness Length Video Extension: 10m/32ft
- Dimensions D x W x H (mm/in) 120mm x 243mm x 96mm/ 4.7" x 9.6" x 3.4"
- Parking Lines (Selectable)
- Mirrored Image



PMM-35-L



PMM-4322-COM-PL

Kit Part Number GMK3R

Includes: :

- Camera PCAM-GM1
- Monitor PMM-35-L

Kit Part Number GMK4R

Includes: :

- Camera PCAM-GM1
- Monitor PMM-4322-COM-PL



PMON-43



PMON-50-FM

Kit Part Number GMK4C

Includes: :

- Camera PCAM-GM1
- Monitor PMON-43

Kit Part Number GMK5E

Includes: :

- Camera PCAM-GM1
- Monitor PMON-50-FM

CCE43M



For 2015 Chevrolet City Express Kit with Camera (PCAM-201-N)/ 4.3" Rear Camera Display Mirror (PMM-43-NV2-PL)

Camera (PCAM-201-N):

- 1/4" CMOS Sensor
- Operates at 0.5 LUX
- IP67 Water/Debris-Proof Rating
- Parking Lines (Selectable)
- Mirrored/Non-Mirrored Image (Selectable)

Monitor (PMM-43-NV2-PL):

- Dual Video Inputs
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display



PROTECT YOUR FLEET

Commercial Solutions by EchoMaster

Truly Customized

Planning is everything, and our team begins with your requirements, planning together with you to create bespoke solutions that fulfill and exceed needs. Quality is utmost, and we understand that off-the-shelf is rarely an option, so we create solutions to your exact requirements.

Research and Development

To be a pioneer, you have to keep pushing boundaries and moving forward. EchoMaster products undergo a rigorous program of research and development activities to ensure that we always offer future technologies, today. Our research and development team can work with your project team to ensure that we create the perfect solution to any requirement.

AAMP Global has supplied the OEM and aftermarket sectors for over 20 years, providing tailored, innovative products and solutions. We leverage our extensive knowledge and expertise to develop a solution tailored to your business's needs.

Project Management

Working together with you, our team produces individual management programs to enable achievement of key milestones. This reduces time to market and increases resource control to ensure projects are completed within scope to the highest quality, on time, and on budget.

Quality Control

Rigorous quality management systems ensure that manufacturing is to the highest specification.

Speak with your AAMP sales representative to learn more about our customized solutions for fleet managers. Don't have a representative? Contact sales@aampglobal.com



RVC-W2



Wireless Camera and Receiver Kit

Key Features:

- Dual Video Inputs
- Operates at 0 LUX
- IR Night Vision Illumination
- 2.4G Digital Wireless Video Transmission
- 120° Viewing Angle
- IP68 Water/Debris-Proof Rating
- Built-In Low Light LED



PCAM-IRF-N



Commercial Camera with Night Vision

Key Features:

- 1/3" CCD Sensor
- Operates at 0 LUX
- Built-In Low Light LED
- IP68 Water/Debris-Proof Rating
- Recommended GXE-10 Extension Harness
- Mirrored Image
- 120° Viewing Angle
- 3 Year Warranty

PIN	TYPE
1	POWER
2	GND
3	AUDIO
4	VIDEO



SOCKET
(FEMALE PINS)



PLUG
(MALE PINS)

PIN	TYPE
1	POWER
2	GND
3	AUDIO
4	VIDEO



PCAM-IRC-N



Commercial Camera with Night Vision

Key Features:

- 1/4" CMOS Sensor
- Operates at 0 LUX
- Built-In Low Light LED
- IP67 Water/Debris-Proof Rating
- Recommended GXE-10 Extension Harness
- Mirrored Image
- 120° Viewing Angle
- 3 Year Warranty

PIN	TYPE
1	POWER
2	GND
3	AUDIO
4	VIDEO



SOCKET
(FEMALE PINS)



PLUG
(MALE PINS)

PIN	TYPE
1	POWER
2	GND
3	AUDIO
4	VIDEO

Select the perfect sized GX style extension lead that fits your vehicle's size:

GXE-6	6m / 20ft
GXE-10	10m / 33ft
GXE-15	15m / 49ft
GXE-20	20m / 66ft

DVR

Your video witness



DVRs



DVR-20M

2-Channel DVR with SD Card

Key Features:

- 32GB SD Card
- SD Card Slot (Up to 128GB)
- Remote Control
- GX12 Connectors



DVR-50-AHD

5-Channel Dual SD Card DVR with HD Input

Key Features:

- 8 Trigger Inputs with Optional DVR-50-TH-CAB
- Pre-Recording Time of up to 60 Minutes
- Post Recording Time of up to 30 Minutes
- Dual SD Card Slots (Up to 256GB each)
- Optional Speed Detection Input Using DVR-50-TH-CAB
- AHD Compatible



DVR-50-G-AHD

5-Channel Dual SD Card DVR with HD Input and GPS

Key Features:

- 8 Trigger Inputs with Optional DVR-50-TH-CAB
- Pre-Recording Time of up to 60 minutes
- Post-Recording Time of up to 30 minutes
- Dual SD Card Slots (up to 256GB each)
- Optional Speed Detection Input using DVR-50-TH-CAB
- GPS Data for Geolocating
- AHD Compatible

A woman with long brown hair is driving a car, seen from the side. She is wearing a light-colored, ribbed sweater. The car's interior is visible, including the steering wheel and dashboard. A rearview mirror is mounted on the windshield, reflecting her face. The background is bright and out of focus.

MONITORS

Extend your view

Replacement rearview mirrors, dash, flush, and windshield mount monitors complete any camera solution

MIRROR MONITORS



Resolution: 480 x 272

MM-4320

Factory Style Replacement Mirror 4.3" Monitor

Key Features:

- Factory Replacement Mirror
- Dual Video Sensing Inputs
- Auto-Dimming Display



Resolution: 480 x 272

MM-4320-DVR

Factory Style Replacement Mirror with 4.3" Monitor with Built-In DVR

Key Features:

- Factory Replacement Mirror
- Dual Video Sensing Inputs
- Auto-Dimming Display
- Built-In Shock Sensor
- Built-In Forward Looking Camera with DVR



Resolution: 480 x 272

MM-4320-BT

Factory Style Replacement Mirror with 4.3" Monitor with Built-In Bluetooth For Hands-Free Calling

Key Features:

- Factory Replacement Mirror
- Dual Video Sensing Inputs
- Auto-Dimming Display
- Bluetooth Enabled with Built-In Speaker
- Caller ID



Resolution: 480 x 272

PMM-35-PL



Factory Style Replacement Mirror with 3.5" Monitor With Adjustable Parking Lines

Key Features:

- Dual Video Inputs
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display



Resolution: 480 x 272

PMM-35-DPL

PRO

Factory Style Replacement Mirror with 3.5" Monitor With Adjustable Parking Lines and Manual Mirror Dimming

Key Features:

- Dual Video Inputs
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display
- Manual Mirror Dimming
- Universal Mounting



Resolution: 480 x 272

PMM-35-ADPL

PRO

Factory Style Replacement Mirror with 3.5" Monitor with Auto-Dimming Mirror and Adjustable Parking Lines

Key Features:

- Dual Video Inputs
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display
- OEM Style Mirror Dimming
- Universal Mounting



Resolution: 480 x 272

PMM-43-PL

PRO

Factory Style Replacement Mirror with 4.3" Monitor With Adjustable Parking Lines

Key Features:

- Dual Video Inputs
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display
- Universal Mounting



Resolution: 480 x 272

PMM-43-ADPL

PRO

Factory Style Replacement Mirror with 4.3" Monitor with Auto-Dimming Mirror and Adjustable Parking Lines

Key Features:

- Dual Video Inputs
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display
- Universal Mounting
- OEM Style Mirror Dimming



Resolution: 480 x 272

PMM-4322-COM-PL



Factory Style Replacement Mirror with 4.3" Monitor with Adjustable Parking Lines

Key Features:

- Dual Video Inputs
- Dual Triggers
- Auto Dimming Display
- Remote Control Included
- Heavy-Duty Construction for Commercial Use
- Universal Mounting



Resolution: 480 x 272

PMM-7333-PL



Factory Style Replacement Mirror with 7.3" Monitor with 3 Video Inputs, 3 Triggers, and Adjustable Parking Lines

Key Features:

- 3 Video Inputs
- 3 Individual Triggers
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display
- Split Screen View
- Universal Mounting



VEHICLE SPECIFIC MIRROR MONITORS



Resolution: 800 x 272

PMM-43-CJD-ADPL

PRO

For Chrysler, Dodge and Jeep 4.3" Monitor with Auto-Dimming and Adjustable Parking Lines

Key Features:

- Dual Video Inputs
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display
- OEM Style Mirror Dimming
- 3 Year Warranty



Resolution: 800 x 272

PMM-43-CJD-PL

PRO

For Chrysler, Dodge and Jeep with 4.3" Monitor with Adjustable Parking Lines

Key Features:

- Dual Video Input
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display
- 3 Year Warranty



Resolution: 800 x 272

PMM-43-FTM-PL

PRO

For Ford Twist Mount Factory Style Replacement Mirror with 4.3" Monitor with Adjustable Parking Lines

Key Features:

- Dual Video Inputs
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display
- 3 Year Warranty



Resolution: 800 x 272

PMM-43-NV2-PL

PRO

For Nissan NV200 and Chevrolet City Express Factory Style Replacement Mirror with 4.3" Monitor Adjustable Parking Lines

Key Features:

- Dual Video Inputs
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display
- 3 Year Warranty



Resolution: 800 x 272

PMM-43-PMC-PL



For Dodge ProMaster City Factory Style Replacement Mirror with 4.3" Monitor with Adjustable Parking Lines

Key Features:

- Dual Video Inputs
- Reverse Trigger Input
- Adjustable Parking Lines
- Remote Control Included
- Auto-Dimming Display
- 3 Year Warranty



Resolution: 1280 x 320

MRCHDDVRJW



For 2007 - 2022 Jeep Wrangler and 2020 - 2022 Jeep Gladiator

Key Features:

- 9.3" Clear-View HD DVR Mirror Kit
- Built-in DVR
- Adjustable Vertical View
- F Camera: 1080P 30FPS
- R Camera: 1080P 25FPS
- 3 Year Warranty
- Built-in 3-Axis Accelerometer
- IP67 Rated
- 145 ° Diagonal Field of View



Resolution: 1280 x 320

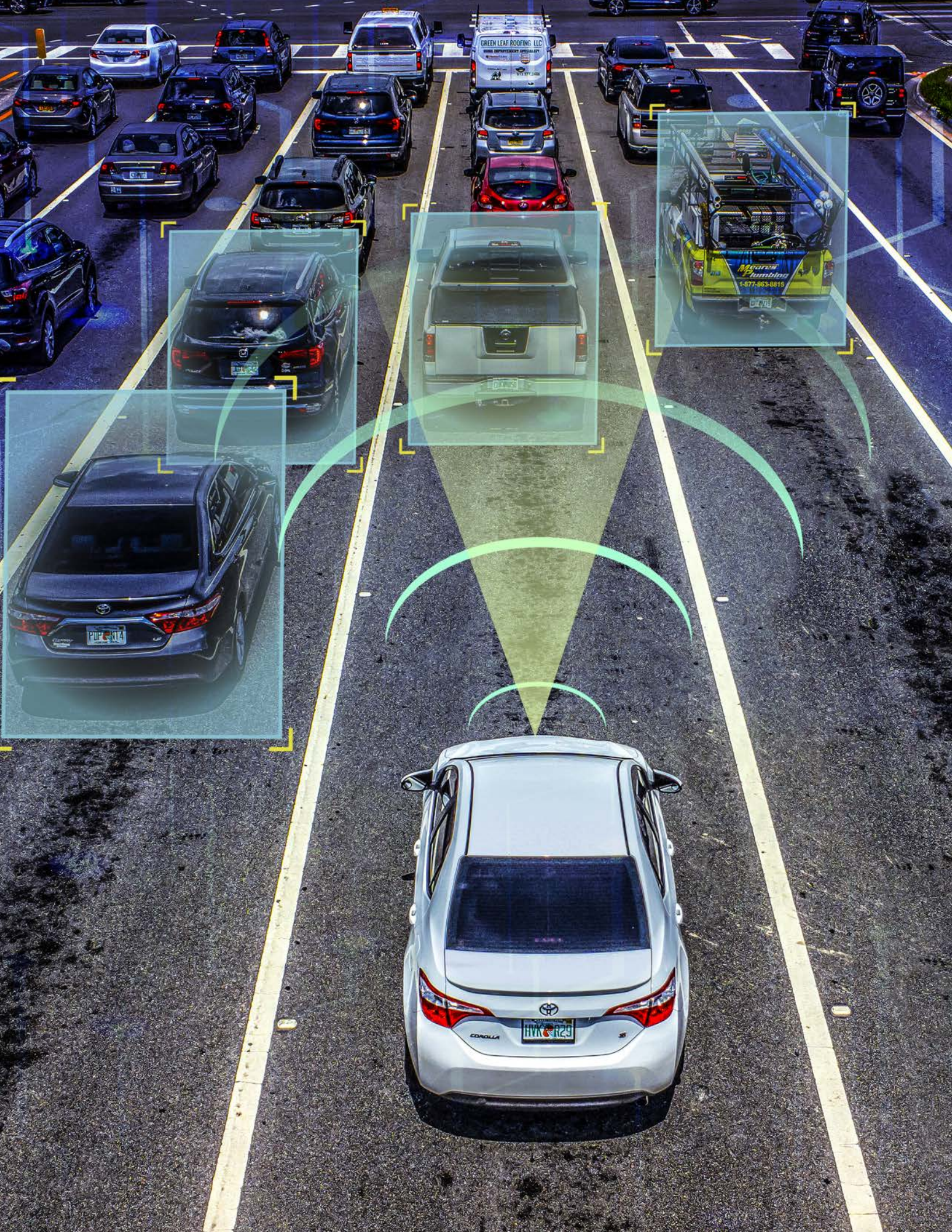
MRCHDDVRBR



For 2021 - 2023 Ford Bronco

Key Features:

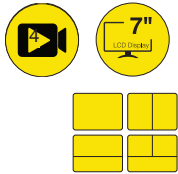
- 9.3" Clear-View HD DVR Mirror Kit
- Built-in DVR
- Adjustable Vertical View
- F Camera: 1080P 30FPS
- R Camera: 1080P 25FPS
- 3 Year Warranty
- Built-in 3-Axis Accelerometer
- IP67 Rated
- 145 ° Diagonal Field of View



MONITORS



Resolution: 800 x 480



Resolution: 391 x 680



Resolution: 640 x 480

MON-50-DM

5" Dash Mount Digital Slim TFT/LCD Monitor

Key Features:

- 5" High Resolution Display
- Dual Video Input
- Reverse Trigger Wire
- Auto Video Detection
- Includes Removable Sunshade
- Includes Windshield Suction Mount

MON-7022

7" Dash Mount Dual Input Dual Trigger Monitor

Key Features:

- 7" High Resolution Display
- Dual Video Inputs
- Dual Triggers
- Dash Mount Fan Bracket Included
- Remote Control Included

MON-7044

7" Dash Mount Quad Input Monitor

Key Features:

- 7" High Resolution Display
- Quad Video Inputs
- 4 Trigger Wires for Display Switching
- Multiple Split Screen Options

PMON-43

4.3" Windshield Mount Dual Input Monitor

Key Features:

- 4.3" High Resolution Display
- Dual Video Inputs
- Included Windshield Suction Mount
- Reverse Trigger Detect

- 3 Year Warranty



PMON-50-FM

5" Flush Mount Dual Input Monitor

Key Features:

- 5" High Resolution Display
- Dual Video Inputs
- Auto Shut-Off if No Signal
- Dual Triggers for Channel Switching
- Sunshade Included

- 3 Year Warranty



ACCESSORIES



PMA-MICR

Microphone Relocation Kit for Sync, U-Connect, OnStar and Toyota.



PMA-GLUE

Rearview Mirror Adhesive.



PMM-HD-BRK

Honda Adaptor for Rearview Mirror [use with PMM- range].



PMM-SA-BRK

Sprinter Mirror Mount Arm for PMON-50-FM and PMON-43.



PMM-SM-BRK

Sprinter Mirror Button Adaptor (metal) [use with PMM- range].



PMA-DMT

Dash Mount Arm for Monitors (Used with PMON-43, PMON-50-FM).

Brackets for MM-4320 // MM-4320-DVR // MM-4320-BT



MM-AV-BRK

Audi, VW Adaptor for Rearview Mirror



MM-CD-BRK

Chrysler, Dodge, Jeep Adaptor for Rearview Mirror



MM-HS-BRK

Honda Subaru Scion Adaptor for Rearview Mirror



PBS-MWSK

Microwave Sensor Side Blind Spot Detection System

PRO

Extremely accurate 2.4GHz microwave sensing technology with an audible alert that is triggered by turn signals and a visual alert to make you aware of vehicles in your blind spot even when not indicating. The visual alert is located within the vehicle, easily seen within the line of sight of the side view mirrors.

Key Features:

- Detects Vehicles in Your Blind Spot Up to a Range of 15m/50ft
- Audible Alert when Turn Signals are Used
- Visual Alert if Approached From Left or Right Side
- Accurate and Responsive Microwave Sensors
- Simple Installation, No Drilling Holes into the Bumper
- Universal for Cars and SUVs (Not to be Used with Metal Bumpers)
- Reliable in any Weather Condition
- 3 Year Warranty



ParkAlert

Enhanced Accuracy with Triangulation Technology

ParkAlert digital sensor system is a revolutionary advancement in obstacle detection. Triangulation technology, using the multi-sensor setup, calibrates obstacle detection for improved distance detection, reduced blind spots, and improved obstacle warning.

You have the option to upgrade to a visual kit, which includes everything in the standard ParkAlert kits as well as PA-DISPLAY, which gives off both an audible and visual alert for object detection. Compatible with metal bumpers when used with optional rubber sleeves



Gloss Black



Matte Black



Gloss Silver



White

Color	Four Front Sensors (With Speaker)	Four Rear Sensors (With Speaker)	Four Front Sensors (With Visual Display)	Four Rear Sensors (With Visual Display)
Gloss Black	PS-FBP-B	PS-RBP-B	PS-FDIS-B	PS-RDIS-B
Matte Black	PS-FBP-M	PS-RBP-M	PS-FDIS-M	PS-RDIS-M
Gloss White	PS-FBP-W	PS-RBP-W	PS-FDIS-W	PS-RDIS-W
Gloss Silver	PS-FBP-S	PS-RBP-S	PS-FDIS-S	PS-RDIS-S

ParkAlert sensors include four sensors and everything needed to complete the installation, including a speaker for an audible alert.



Key Features of Front and Rear ParkAlert Sensor Kits:

- Front Sensors Detection Range: 0m/ft to 0.75m/2.5 ft
- Rear Sensors Detection Range: 0m/0ft to 1.6m/5.2 ft
- Volume Control/Mute Ability
- Plastic Bumper-Friendly
- Compatible with Metal Bumpers when Used with Rubber Sleeves
- Paintable for a Perfect Match
- IP67 Water/Debris-Proof Rating
- Operating Temp: -30°C to 80°C

Trucks

ParkAlert Digital Reverse Sensing System For Pick-Up Trucks includes Truck Programmed ECU Control Module, 4 Wide Angle Sensors with OE Connectors, Angle Sleeves, Speaker, Hole Saw, 18' Harness, and Hardware Kit. Compatible with metal bumpers when used with optional rubber sleeves

Note: EMZ Not Included

PS-TRUCK-M

Matte Black



PS-TRUCK-S

Silver



PS-TRUCK30-M



ParkAlert Rear Sensing System for Trucks (30' Extended Harness)

Key Features:

- Detection Range: 1.6m/5.2ft
- Volume Control/Mute Ability
- Plastic Bumper Friendly
- Paintable for a Perfect Match
- Compatible with Metal Bumpers When Used with Optional Rubber Sleeves
- IP67 Water/Debris-Proof Rating
- Operating Temp: -30°C to 80°C
- 3 Year Warranty



00-03000 HitchScan



Hitch Mount Wireless Rear Park Assist Readout

Key Features:

- Detection Range: 2.1m/7ft
- IP67 Water/Debris-Proof Rating
- Display Option: LED Indicator
- Operating Temp: -30°C to 80°C
- 3 Year Warranty



PA-DISPLAY



LED Display with Buzzer - Obstacle Distance and Visual Readout

Key Features:

- Multiple Mounting Options
- Volume Control
- Distance displayed with Color Distance Bar Indicators
- 3 Year Warranty

ACCESSORIES FOR THE PARKALERT SENSORS



SP1029

Rubber Sensor Sleeves used with ParkAlert (PS-) Sensor Kits for Metal Bumper Installation



SP1022

Angle Gauge to Select the Proper Angle Sleeve in ParkAlert (PS-) Sensor Kits



EMZ

Zinc Galvanizer to Protect Against Oxidation (Used with Metal Bumper Sensor Installation)



PA-BRACKETS

Under bumper mounting brackets for ParkAlert sensors



CAMERAS

Get a clear view of your
surroundings

UNIVERSAL CAMERAS

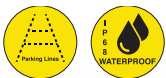


CAM-01-N

Universal Flush or Pedestal Mount Camera For Front or Rear View

Key Features:

- 1/3" HD CMOS Sensor
- Operates at 0.1 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP68 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored Image (Selectable)
- Hole Diameter: 18.5mm
- Hole Saw Included



CAM-02-N

Universal Mount Front Or Reverse Car Camera

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.3 LUX
- 170° Viewing Angle
- IP68 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored Image (Selectable)
- Parking Lines



CAM-DPL-N

Universal Reverse Camera with Dynamic Parking Lines

Key Features:

- 1/3" CMOS Sensor
- Creates Dynamic Parking Guidelines to Show Trajectory of Reversing Car
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating



Avoid and correct potential accidents with dynamic lines.



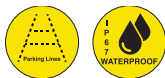
*ALSO AVAILABLE IN BLACK
PART #: CAM-LB1B-N

CAM-LB1C-N

Bar Style License Plate Camera with Parking Lines for Front or Rear View

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.1 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- LEDs for Nighttime Illumination
- Mirrored/Non-Mirrored Image (Selectable)

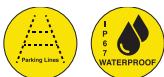


CAM-LB3C-N

1/4" CMOS License Plate Camera With Chrome Metal Finish

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.1 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored Image (Selectable)



*ALSO AVAILABLE IN BLACK
PART #: CAM-LF1B-B

CAM-LF1C-N

Chrome Metal Finish Full Frame License Plate Camera with Front or Rear View

Key Features:

- 1/4" CMOS Sensor
- Operates at 0 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored Image (Selectable)



***ALSO AVAILABLE IN BLACK**
PART #: CAM-LF2B-N

CAM-LF2C-N

Slim Chrome Full Frame License Plate Camera with Night Vision for Front or Rear View

Key Features:

- 1/4" CMOS Sensor
- Operates at 0 LUX
- 140° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored Image (Selectable)



CAM-LF3C-N

CCD Chrome Slim Full Frame License Plate Backup Camera

Key Features:

- 1/3" CCD Sensor
- Operates at 0.3 LUX
- 175° Viewing Angle
- IP67 Water/Debris-Proof Rating



***ALSO AVAILABLE IN BLACK**
PART #: CAM-LFDPLB-N

CAM-LFDPLC-N

1/3" CMOS Chrome Slim Full Frame License Plate Back-up Camera with Dynamic Parking Lines

Key Features:

- Can be Used for Front or Back Viewing
- 1/3" CMOS Sensor
- Operates at 0.1 LUX
- 170° Viewing Angle
- Dynamic Parking Lines
- IP67 Water/Debris-Proof Rating
- Detachable Frame to use a Bar Style Camera
- Available in Black or Chrome

● 50 State Legal



CAM-LP1-N

License Plate Mount Camera with Parking Lines for Front or Rear View, Mounts Behind License Plate

Key Features:

- Parking Lines (Selectable)
- IP68 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored (Selectable)
- 1/3" CMOS Sensor
- Operates at 0.1 LUX
- 170° Viewing Angle



*Use the provided button to cycle through camera views

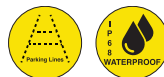


CAM-MV6-N

Six Viewing Angles, a 180° Wide-Field View, and Versatile Mounting Options for Safer Easier Driving

Key Features:

- Featuring six viewing modes, 4 rear/2 front
- 1/3" CMOS Sensor
- Operates at 0.1 LUX
- 180° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Lip or Flat Surface Mounted
- Optional License Plate Bracket: BRK-MV6



CAM-WLP

Wireless Back-up Camera For any vehicle with an RCA input. CAM-WLP is a universal back-up camera that easily installs into any vehicle with a simple two wire connection – two wires in the front and two wires in the back.

The Wireless Back-Up Camera includes a power filter that stabilizes the signal from the reverse light to ensure that the camera provides a reliable signal.

Key Features:

- Easy Add-On to Double Din Radio Installation
- No Wires to Route Front or Back
- 2.4GHz Wireless Video with Digital Encryption
- 140° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Operates at 0.1 LUX



PCAM-110-N

PRO

Lip or Tailgate Mount Camera with Parking Lines for Rear View

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- Mirrored Image
- Hole Diameter: 18.5mm
- Hole Saw Included

Backup Camera Mounting Options

PCAM-110 can be lip mounted as a rear-facing camera on a horizontal surface or as a downward facing camera on a vertical surface

Kit Part Number	Includes PCAM-110 and	Kit Part Number	Includes PCAM-110 and
K013A	3.5" Rear Camera Display Mirror (PMM-35-ADPL)	K014M	4.3" Rear Camera Display Mirror (PMM-43-PL)
K013R	3.5" Rear Camera Display Mirror (PMM-35-PL)	K014R	4.3" Rear Camera Display Mirror (PMM-4322-COM-PL)
K014C	4.3" Windshield Mount Monitor (PMON-43)		



PCAM-10FF-N

PRO

Universal Front Mount Camera With Infrared Night Vision

Includes:

- Front Facing Camera
- 170° Viewing Angle
- Wire Harness
- IR LEDs
- Installation Hardware



PCAM-10I-N

PRO

License Plate Infrared Camera with Parking Lines for Front or Rear View, Mounts Behind License Plate or Under Lip

Key Features:

- 1/4" CMOS Sensor
- Operates at 0 LUX
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored (Selectable)
- 7 IR LEDs
- 3 Year Warranty
- Optional Lip Mount Bracket
- 170° Viewing Angle

Kit Part Number	Includes PCAM-10I and	Kit Part Number	Includes PCAM-10I and
KLI3MAD	3.5" Display Mirror Monitor (PMM-35-ADPL)	KLI4M	4.3" Display Mirror Monitor (PMM-43-PL)
KLI3R	3.5" Display Mirror Monitor (PMM-35-DPL)	KLI4R	4.3" Display Mirror Monitor (PMM-4322-COM-PL)
KLI4C	4.3" Windshield Mount Monitor (PMON-43)	KLI5E	5" Flush Mount Monitor (PMON-50-FM)



PCAM-10L



1/4" CMOS License Plate Camera (Mounts Behind License Plate)

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored Image (Selectable)

Kit Part Number	Includes PCAM-10L and	Kit Part Number	Includes PCAM-10L and
K103R	3.5" Rear Camera Display Mirror (PMM-35-PL)	K104M	4.3" Rear Camera Display Mirror (PMM-43-PL)
K104C	4.3" Windshield Mount Monitor (PMM-43)	K104R	4.3" Rear Camera Display Mirror (PMM-4322-COM-PL)
PMK-73BS	Universal Blind Spot Monitor Kit PMM-7333-PL, 2 PCAM-BS1-N		



PCAM-150-N

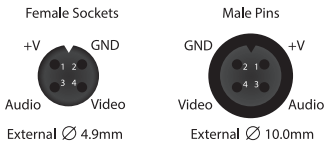


Lip or Trunk Handle Mount Camera with Parking Lines For Front or Rear View

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored Image (Selectable)

Kit Part Number	Includes PCAM-150 and
K503R	3.5" Rear Camera Display Mirror (PMM-35-PL)
K504C	4.3" Windshield Mount Monitor (PMM-43)
K504M	4.3" Rear Camera Display Mirror (PMM-43-PL)
K504R	4.3" Rear Camera Display Mirror (PMM-4322-COM-PL)



PCAM-201-N



Mini Lip Mount Camera for Front or Rear View with Parking Lines

Designed to discreetly mount to a lip (surface of the vehicle that juts out a bit). When used as a backup camera, placing your car in reverse will automatically turn on the camera image. Can be installed as a front camera, triggered on when your car is put in drive, under a certain mph (interface required).

Key Features:

- Operates at 0.5 LUX
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Parking Lines (Selectable)
- Mirrored/Non-Mirrored Image (Selectable)
- Hole Diameter: 19mm
- Hole Saw Included
- 1/4" CMOS Sensor

Kit Part Number	Includes PCAM-201 and	Kit Part Number	Includes PCAM-201 and
K203R	3.5" Rear Camera Display Mirror (PMM-35-PL)	K204M	4.3" Rear Camera Display Mirror (PMM-43-PL)
K204C	4.3" Windshield Mount Monitor (PMM-43)	K204R	4.3" Rear Camera Display Mirror (PMM-4322-COM-PL)



PCAM-220-N

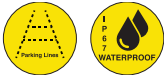


Bullet Style, Flush Mount Camera for Front or Rear View with Parking Lines

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored Image (Selectable)
- Hole Diameter: 19mm
- Hole Saw Included

Kit Part Number	Includes PCAM-220 and
K224R	4.3" Rear Camera Display Mirror (PMM-4322-COM-PL)



PCAM-360-N



Adjustable Angle Camera for Side, Front or Rear View with Parking Lines

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.3 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored Image (Selectable)
- Hole Diameter: 21 mm
- Hole Saw Included

Kit Part Number	Includes PCAM-360 and
K364C	4.3" Windshield Mount Monitor (PMON-43)



PCAM-BS1-N



Self-Adhesive Blind Spot Camera for Front, Rear or Side View with Flexible Housing

The PCAM-BS1 is designed for versatility, and its self-adhesive design. When used as a backup camera, placing a vehicle in reverse will automatically trigger the camera view on as a front camera, the car is put in drive, under a certain mph (when paired with a PAC module). When used as a front camera, putting a vehicle in drive under a certain MPH can trigger camera (when paired with a PAC module). When mounted beneath side mirrors, the PCAM-BS1 triggers the camera to turn on when a turn signal is being used (when paired with a PAC module)

Key Features:

- 1/4" CMOS Sensor
- Operates at 0.1 LUX
- IP67 Water/Debris-Proof Rating
- Adjustable/Swivel Camera Orientation
- Harness Length: 5.5m/18ft
- 3 Year Warranty
- Side Mountable
- 80° Viewing Angle



PCAM-DPLL



Back-Up License Plate Camera with Dynamic Parking Lines

Key Features:

- 1/3" CMOS Sensor
- Operates at 0.5 LUX
- 170° Viewing Angle
- Moving Guidelines
- IP67 Water/Debris-Proof Rating
- License Plate Mount and Butterfly Mount Included
- 3 Year Warranty



PCAM-FM180-N

PRO

Flush Mount, 180 Degree Viewing Angle Camera with Night Vision

Key Features:

- FMVSS111 Compliant
- HD CCD Sensor
- Operates at 0.1 LUX
- 10 IR LEDs
- 180° Viewing Angle
- IP67 Water/Debris-Proof Rating
- 28mm Hole Saw Included

NOTE: Extension sold separately



PCAM-FM180-N

PRO

Bullet Style, Flush Mount, 180 Degree Viewing Angle Camera

Key Features:

- HD CCD Sensor
- Operates at 0.1 LUX
- 180° Viewing Angle
- IP67 Water/Debris-Proof Rating
- 28mm Hole Saw Included
- FMVSS 111 Compliant

NOTE: Extension sold separately



PCAM-LB2B

PRO

1/4" CMOS License Plate Mount Back-Up Camera With Parking Lines

Key Features:

- 1/4" CMOS Sensor
- Operates at 1 LUX
- 170° Viewing Angle
- Parking Lines (Selectable)
- IP67 Water/Debris-Proof Rating
- Mirrored/Non-Mirrored Image (Mirrored)



PCAM-LBCAB

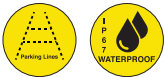
PRO

License Plate Camera with Selectable Parking Lines for International Markets

Key Features:

- 1/4" HD CMOS Sensor
- Operates at 0.5 LUX
- 150° Viewing Angle
- Parking Guidelines (Selectable On/Off)
- IP67 Water/Debris-Proof Rating
- Mirror Image (Selectable On/Off)

THIRD BRAKE LIGHT MOUNT



PCAM-15C-N



Universal Third Brake Light Camera with Night Vision

Key Features:

- 1/4" CMOS Sensor
- Operates at 0 LUX
- 170° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Parking Lines (Selectable)
- Harness Lengths Video Extension: 10m/32ft; 48cm/19in
- Dimensions D x W x H: 60mm x 200mm x 58mm/ 2" x 7.9" x 2.3"

PIN	TYPE
1	POWER
2	GND
3	AUDIO
4	VIDEO



SOCKET
(FEMALE PINS)



PLUG
(MALE PINS)

PIN	TYPE
1	POWER
2	GND
3	AUDIO
4	VIDEO

ROOF MOUNT



PCAM-RM1-N



Roof-Mounted Reverse Camera with Night Vision

Key Features:

- 1/4" CCD Sensor
- Operates at 0 LUX
- 120° Viewing Angle
- IP67 Water/Debris-Proof Rating
- Image (Mirrored/Non-Mirrored): Non-Mirrored
- Extension sold separately; Recommend GXE-10, 10m Extension Cable
- Dimensions D x W x H: 20mm x 35mm x 32mm/ 0.78" x 1.37" x 1.25"

PIN	TYPE
1	POWER
2	GND
3	AUDIO
4	VIDEO



SOCKET
(FEMALE PINS)



PLUG
(MALE PINS)

PIN	TYPE
1	POWER
2	GND
3	AUDIO
4	VIDEO

EchoMaster Seat Heater Kits



PHSK-2L: Seat Heater Kit

Create a toasty oasis for bone-chilling mornings

PHSK-2LS: Split Pad Design Heater Kit

For seat heater installations that may have obstacles in the way

Quick Seat Heater System: A Universally Compatible Heating Solution

In the northern two-thirds of the United States, sweltering summers are balanced out by frigid winter temperatures. In cars, sufficient heating is absolutely essential for both comfort and safety during commutes.

Fast, Even Heating

Built with high-quality elements with silver conductive line technology, this system was engineered to provide stable, consistent heat, without the risk of overheating.

Durable, Built to Last

Constructed of high 1K carbon fiber mats, which are a full ten times longer than the filaments used in conventional seat heaters, making them incredibly durable and capable of holding up over years of frequent seasonal use. The yarns used to create the fabric are 100% interconnected, so the pads don't fall apart easily. Rigorous compression testing has proven their ability to withstand a lot more stress than they will realistically encounter during everyday use.

Full Control

Adjustable temperature settings and an on/off switch give the user control over their seat heating experience, letting each person adjust it according to their preferences.



Displays Can Help Increase Your Safety Sales

Move your customers through the path to purchase with powerful in-store marketing solutions. Our simple, yet effective, interactive retail solutions includes everything you need to transform your space and showcase your expertise in safety. In-store solution includes header, shelf talkers, working countertop upsell display, working wall display, and more.

Customizable Planograms



CAMERAS

SENSORS

MONITORS

Working Counter Display



Interactive Wall Panel

PASSENGER AIRBAG



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