

MERCEDES BENZ SMART SOLUTIONS 2011 PRODUCTS

REMOTE START YOUR MERCEDES-BENZ

The Smartkey Starter allows you to remote start any Smartkey equipped Mercedes Benz.

Smartkey Starter™

Made in USA

artkey Starter

del SKS164CA

- Remote start the vehicle by using the Mercedes OEM factory transmitter by depressing the Panic button
- No cutting of any wires in the vehicle
- Factory connects to the OEM ignition key switch
- Fits Mercedes vehicles equipped with infrared keys or KeylessGO system
- Valet switch included to turn the system in Valet mode
- Visual confirmation of runtime with parking light blinks
- No transponder key to be relinquished by the customer for installation!!!
- No major programming required, simply turn the ignition key to the ON position
- Default runtime of 15 minutes displayed in the instrument cluster when remote started
- Safe take over, unlock doors with OEM transmitter, insert key in ignition switch and depress brake pedal. If no key is inserted in the ignition switch the vehicle will shutdown
- If the Mercedes vehicle is equipped with factory "KeylessGo" system, simply press the Start button twice upon take over; if: smartkey is detected, take over will be granted. If no smartkey is present in the vehicle upon take over, the vehicle will shutdown
- Safety features: Shutdown of remote starter upon runtime; Hood opened, Depressing the Brake pedal, Increasing the RPM over normal idle speed or RPM falling to zero
- When the starter is not in use, it is automatically disconnected from the vehicle electronics

REMOTE STARTER SOLUTIONS

| Mercedes Class Series | Year From / To | Description | Part #: |
|-----------------------------------|-------------------|--|------------|
| ML, GL, R (Gasoline and Diesel) | 2006-2011 | Mercedes remote start for ML, GL, R Series | SKS164 |
| C, GLK (Gasoline and Diesel) | 2008-2011 | Mercedes remote start for C, GLK Series | SKS204 |
| E Class Sedan | 2010-2011 | Mercedes remote start for E Class Sedan | SKS204 |
| E, CLK (Gasoline and Diesel) | 2004-2009 | Mercedes remote start for E, CLK Series | SKS211 |
| CLS (Gasoline and Diesel) | 2004-2011 | Mercedes remote start for CLS Series | SKS211 |
| C (Gasoline and Diesel) | 2003-2007 | Mercedes remote start for C Series | SKS211 |
| SLK (Gasoline and Diesel) | 2005-2009 | Mercedes remote start for SLK Series | SKS211 |
| G (Gasoline and Diesel) | 2005-2011 | Mercedes remote start for G Series | SKS211 |
| E Class Coupe | 2010-2011 | Mercedes remote start for E Class Coupe Series | SKS212CCA |
| E Class Coupe Keyless Go | 2010-2011 | Mercedes remote start for E Class Coupe Series, Keyless Go | SKS212KGCA |
| S, CL Class (Gasoline and Diesel) | 2007-2011 | Mercedes remote start for S, CL Class | SKS221 |
| B CLASS | 2010 | Mercedes remote start for B Class | SKS245 |
| Keyless Go Extension Harness for | KG20 | | |

VIDEO IN MOTION & VIDEO INPUT SOLUTIONS



2006 5/GE Glass with VIM221

Video in Motion interface modules allows the DVD changer and rear seat entertainment systems to be viewed by a third occupant in the front passenger seat while the vehicle is in gear. Mercedes command systems now allow DVD videos to be played but video is disables in gear. The VIM modules allow the video to be watched at any speed.

VIM221

VIDEO IN MOTION INTERFACE FOR W221/W216 (2007+S CL CLASS)

Video in Motion modules allows the command DVD changer and video aux input to be viewed while the vehicle is in motion by pressing the steering wheel "mute" button for 2 seconds. The VIM221 interface also unlocks all navigation functions and allows destination entry while the vehicle is moving.

VIM204

VIDEO IN MOTION INTERFACE FOR W204 (07-09 C CLASS AND 2010 GLK)

Video in Motion module allows the command DVD changer and video aux input to be viewed while in motion.

VIM230

VIDEO IN MOTION INTERFACE FOR 2009 SL AND SLK CLASS

Video in Motion modules allows the command DVD changer and video aux input to be viewed while the vehicle is in motion by pressing the steering wheel "END" button for 2 seconds.

VIM211

VIDEO IN MOTION INTERFACE FOR 04-09 E AND CLS CLASS

Video in Motion modules allows the command DVD changer and video aux input to be viewed while the vehicle is in motion by pressing the steering wheel "END" button for 2 seconds.

VIM164

VIDEO IN MOTION INTERFACE FOR 2009 ML, GL AND R CLASS

Video in Motion modules allows the command DVD changer and video aux input to be viewed while the vehicle is in motion by pressing the steering wheel "END" button for 2 seconds.

See reference chart and pricing on page 5

VIDEO IN MOTION & VIDEO INPUT SOLUTIONS

| Mercedes Class Series | Year From / To | Description | Part #: | |
|--------------------------|-------------------|---|---------|--|
| С | 2007-2009 | Interface module that provides Video in Motion for 07-09 C Class | VIM204 | |
| CL | 2007-2009 | Interface module that provides Video in Motion for 07-09 CL Class | VIM221 | |
| CLK | 2009 | Interface module that provides Video in Motion for 2009 CLK Class, must have SD card slot to be compatible | VIM211 | |
| CLS | 2009 | Interface module that provides Video in Motion for 2009 CLS Class, must have SD card slot to be compatible | VIM211 | |
| E | 2009 | Interface module that provides Video in Motion for 2009 E Class, must have SD card slot to be compatible | VIM211 | |
| GL | 2009 | Interface module that provides Video in Motion for 2009 GL Class | VIM164 | |
| GLK | 2010 | Interface module that provides Video in Motion for 2010 GLK Class | VIM204 | |
| ML | 2009 | Interface module that provides Video in Motion for 2009 MLK Class | VIM164 | |
| R | 2009 | Interface module that provides Video in Motion for 2009 R Class | VIM164 | |
| S | 2007-2009 | Interface module that provides Video in Motion for 07-09 S Class | VIM221 | |
| SL | 2009 | Interface module that provides Video in Motion for 07-09 SL Class | VIM230 | |
| SLK | 2009 | Interface module that provides Video in Motion for 2009 SLK Class | VIM230 | |

VIDEO IN MOTION & BACK-UP CAMERA SOLUTIONS



Camera Mounted in GL550

2008 ML350 Backup View





2009 SL550 Backup View



2009 E Class Backup View



2008 S550 Backup View

A rear view backup camera can be added to any Mercedes with the next generation command system. This includes the new C class (W204), W22I and W2I6 (2007+S and CL Class), and 2009 ML, GL, R, E and CLS models...Camera operation is enabled with the VIM/Programmer Interface. The combination interfaces are similar to the VIM interfaces above but have additional programming capability that is enabled by pressing a combination of steering wheel buttons. Full kits are also available that include a factory sized low-light camera and all necessary cables.

VIM221

R VIDEO IN MOTION INTERFACE FOR W221/W216 WITH ON DEMAND REAR CAMERA

Video in Motion modules allows the command DVD changer and video aux input to be viewed while the vehicle is in motion by pressing the steering wheel "mute" button for 2 seconds. Pressing "mute" again activates an on demand rear camera view (only for models equipped with a rear camera). The VIM221 interface also unlocks all navigation functions and allows destination entry while the vehicle is moving.

VIM221P

CAMERA PROGRAMMER + VIDEO IN MOTION INTERFACE FOR W221/W216

Allows backup camera to be enabled via steering wheel buttons. Also activates the built in parking assist guide lines. Video in Motion module allows the command DVD changer and video aux input to be viewed while the vehicle is in motion by pressing the steering wheel "mute" button for 2 seconds. The VIM221P interface also unlocks all navigation functions and allows destination entry while the vehicle is moving. Includes RCA adapter to command Telematics update performed to allow the camera programming to function.

VIM221PD

CAMERA PROGRAMMER + VIM+ACTIVE FRONT/REAR CAM-ERA FOR W221/W216

Same as VIM221P but adds control interface that allows front and rear camera to be added to the command. The Front camera will automatically engage when vehicle is in "drive" and moving below 3mph. Rear camera engages in reverse. Pressing the "mute" button allows the camera views to be cycles on demand as well as a normal mode where the front camera does not automatically engage. Includes RCA adapter to command plug for camera. <u>Note: 2007 models must have</u> <u>the Command Telematics update performed to allow the</u> <u>camera programming to function.</u>

VIM204P

CAMERA PROGRAMMER + VIDEO IN MOTION INTERFACE FOR W204 (2008C CLASS)

Allows backup camera to be enabled via steering wheel buttons. Video in Motion allows the command DVD changer and video aux input to be viewed while the vehicle is in motion by pressing the steering wheel "+ and -" buttons. The module can also program a video aux input instead of the backup camera. Video aux is selectable but will not enable automatically in reverse. Rear camera input and video aux cannot be enabled at the same time. Includes RCA to FAKRA adapter for camera input.

VIM230P

CAMERA PROGRAMMER+VIDEO IN MOTION INTERFACE

Allows backup camera to be enabled via steering wheel buttons. Video in Motion module allows the command DVD changer and video aux input to be viewed while the vehicle is in motion by pressing the steering wheel "end" button for 2 seconds. Includes RCA to FAKRA adapter for camera input. Easy plug-and-play interface installs behind the command in 60 minutes.

VIM211P

CAMERA PROGRAMMER + VIDEO IN MOTION INTERFACE

Allows backup camera to be enabled via steering wheel buttons. Video in Motion module allows the command DVD changer and video aux input to be viewed while the vehicle is in motion by pressing the steering wheel "end" button for 2 seconds. Includes RCA to FAKRA adapter for camera input. Easy plug-and-play interface installs behind the command in 60 minutes.

VIM164P

CAMERA PROGRAMMER +VIDEO IN MOTION INTERFACE

Allows backup camera to be enabled via steering wheel buttons. Video in Motion module allows the command DVD changer and video aux input to be viewed while the vehicle is in motion by pressing the steering wheel "end" button for 2 seconds. Includes RCA to FAKRA adapter for camera input. Easy plugand-play interface installs behind the command in 60 minutes.

VIDM01

VIDEO INPUT AND VIDEO IN MOTION

The VIDM01 interface adds a switched video input to any ML, GL, or R Class that has the backup camera feature. Interface activates using the steering wheel buttons so no external switch is needs. Video input functions even while vehicle is moving. Plug and Play interface installs with no cutting or soldering. Note: only for SUV models with backup camera.

VIDM02

INPUT FOR ML, GL, R CLASS PLUS VIZUALOGIC DVD CONTROL

The VIDM02 interface functions the same as the VIDM01 but adds the ability to control a Vizualogic brand DVD headrest system over IR. Interface comes with a xantech brand IR emitter that is affixed to the headrest LCD. Once Video mode is selected, the steering wheel buttons are tasked with controlling the DVD system. Shows menu selection, play, pause, seek track, and power on/off. Plug and Play interface installs with not cutting or soldering. <u>Note: only for SUV models with backup camera.</u>

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VIDEO IN MOTION & BACKUP CAMERA SOLUTIONS

| Mercedes Class Series | Year From / To | Description | Part #: |
|--------------------------|-------------------|--|----------|
| С | 2007-2009 | DVD/VIM FOR 07-09 C CLASS WITH ON DEMAND CAM AND PROGRAMMER | VIM204P |
| CL | 2007-2009 | DVD/VIM INTERFACE FOR 07-09 CL CLASS WITH ON DEMAND CAM | VIM221R |
| CL | 2007-2009 | CAMERA PROGRAMMER + VIM INTERFACE FOR 07-09 CL CLASS | VIM221P |
| CL | 2007-2009 | DVD/VIM FOR 07-09 CL CLASS WITH CAM PROGRAMMER AND AUTO FRONT CAM | VIM221PD |
| CL | 2007-2009 | VIM/CAM PROGRAMMER /CAMERA PACKAGE FOR 07-09 CL CLASS | VIM221K |
| CLK | 2009 | DVD/VIM FOR 2009 CLK CLASS WITH CAM PROGRAMMER | VIM211P |
| CLK | 2009 | VIM/CAM PROGRAMMER / CAMERA PACKAGE FOR 2009 CLK CLASS | VIM211K |
| CLS | 2009 | DVD/VIM FOR 2009 CLS CLASS WITH CAM PROGRAMMER | VIM211P |
| CLS | 2009 | VIM/CAM PROGRAMMER/CAMERA PACKAGE FOR 2009 CLS CLASS | VIM211K |
| Е | 2009 | DVD/VIM FOR 2009 E CLASS WITH CAM PROGRAMMER | VIM211P |
| Е | 2009 | VIM/CAM PROGRAMMER/CAMERA PACKAGE FOR 2009 E CLASS | VIM211K |
| GL | 2009 | DVD/VIM FOR 2009 GL CLASS WITH CAM/RSE | VIM164P |
| GL | 2009 | VIM/CAM PROGRAMMER / CAMERA PACKAGE FOR 2009 GL CLASS | VIM164K |
| GLK | 2009 | DVD/VIM FOR 2010 GLK CLASS WITH ON DEMAND CAM AND PROGRAMMER | VIM204P |
| GLK | 2009 | VIM/CAM PROGRAMMER/CAMERA PACKAGE FOR 2010 GLK CLASS | VIM204K |
| ML | 2009 | DVD/VIM FOR 2009 ML CLASS WITH CAM/RSE | VIM164P |
| ML | 2009 | VIM/CAM PROGRAMMER/CAMERA PACKAGE FOR 2009 ML CLASS | VIM164K |
| R | 2009 | DVD/VIM FOR 2009 R CLASS WITH CAM/RSE | VIM164P |
| R | 2009 | VIM/CAM PROGRAMMER/CAMERA PACKAGE FOR 2009 R CLASS | VIM164K |
| S | 2007-2009 | DVD/VIM INTERFACE FOR 2007-2009 S CLASS WITH ON DEMAND CAM | VIM221R |
| S | 2007-2009 | CAMERA PROGRAMMER+VIM INTERFACE FOR 2007-2009 S CLASS | VIM221P |
| S | 2007-2009 | DVD/VIM FOR 2007-2009 S CLASS WITH CAM PROGRAMMER AND AUTO FRONT CAM | VIM221PD |
| S | 2007-2009 | VIM/CAM PROGRAMMER/CAMERA PACKAGE FOR 2007-2009 S CLASS | VIM221K |
| SL | 2009 | DVD/VIM FOR 2009 SL CLASS WITH CAM PROGRAMMER | VIM230P |
| SL | 2009 | VIM/CAM PROGRAMMER / CAMERA PACKAGE FOR 2009 SL CLASS | VIM230K |
| ML, GL, R | 2009 | VIDEO INPUT FOR ML/GL/R CLASS | VIDM01 |
| ML, GL, R | 2009 | VIDEO INPUT FOR ML/GL/R PLUS VIZUALOGIC STEERING WHEEL CONTROL | VIDM02 |
| ML, GL, R | 2009 | DVD/VIM FOR W164 WITH NAV/MUSIC PROGRAMMER | VIM164N |
| CL, S | 2007-2009 | CAMERA PROGRAMMER ONLY FOR 2007-2009 CL & S CLASS | CAM221 |
| CL, S | 2007-2009 | AUDIO/VIDEO INPUT JACK FOR 2007-2009 CL & S CLASS | EXT221 |

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