

RYDEEN®

find your road



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RYDEEN-MOBILE ELECTRONICS
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Rearview Mirrors
Pro Grade Solutions
Advance Warning Systems
Multi-View DVR Systems
Backup Cameras
Parking Assist Systems

2018 PRODUCT CATALOG

RYDEEN MOBILE ELECTRONICS

**ADVANCED
VEHICLE
TECHNOLOGY**

Ultimate Safety Solutions for your Vehicles

Safety, Safety and Safety...the new industry wide emphasis on safety promotes new innovative technology, Rydeen is the industry leader with history and reputation to the consumer market. In addition to the wide assortment of safety solutions, Rydeen focuses solely on bringing our customers the most effective systems that create a satisfying driving experience. Our products provide more eyes and ears for sensing vehicle driving conditions thus achieving a safer driving experience. At Rydeen our goal is to assist drivers to stay focused while having the extra piece of mind from our enhanced safety solutions. **Experience the Ultimate! Experience Rydeen!**



Product Line Overview

Advanced Vehicle Technology - AVT

Advanced Vehicle Technologies (AVT) is Rydeen's recently introduced range of products showcasing our technological acumen for in-vehicle Safety, Lifestyle and Information. AVT products demonstrate just how committed we are to vehicle safety, now and in the future. You will see the AVT logo throughout the catalog and understand the differences.



OEM Style Frameless Mirrors

New from Rydeen, MV-Frameless (MV-FL) mirrors not only adding safety to your drive but provides fashion in the same package. With polished edged mirror glass with reflective accents, will surely satisfy your companion's fashion desire. Matched with our lineup of vehicle specific mounts, available separately, for many vehicle applications. The 4.3-inch monitor appears when you need it and disappears behind the mirror glass when not in use. All MV mirrors are tested under Rydeen's vigorous in-vehicle environment tests to ensure reliable usage for many years to come.



OEM Grade EV / MV Mirrors

Rydeen introduces the true auto-dimming EV mirrors to the series of backup monitor mirrors. EV/MV mirrors are universally fit to almost any vehicles, including a wide-range of mounting options -- this year's new additions are the BMW mounts -- you'll be sure to find a backup monitor mirror to fit your needs. 4.3-inch monitors are invisible when not in use and the backup monitor appears only when you need it. All EV/MV mirrors are tested under Rydeen's vigorous in-vehicle environment tests to ensure reliable usage for many years to come.



HD Full Screen OEM Grade Mirror

Rydeen introduces completely new HD full screen SuperView (SV) mirror to the line-up of backup monitor mirrors. SV mirror can fit universally to almost any vehicles. Combined with a special SuperWide 180-degree view camera, this mirror offers variety of functions including split-screen and zoom-in telephoto views. SuperView mirror is equipped with 7.4-inch elongated screen but you will see that the image aspect is almost the true image, calibrated to minimal distortion possible. Rydeen mirrors are tested under our vigorous in-vehicle environment tests to ensure reliable usage for many years to come.



BSS1 Blind Spot Safety Systems

In 2017, Rydeen introduced GPS Speed Controlled Blind Spot Detection System and gained huge support from our customers. The system not only works well, actually works in the perfect manner at the same level of integrity as the OEM systems. This year, we are continuing our direction but adding a new type of BSS to the category, **BSS1 License Plate Bar (BSS1 LPB)**. Our radar based systems adds an extra set of eyes and warns drivers if there are any vehicles in your blind spots. The newly configured BSS1 LPB is designed to provide much easier installation at the same time to assure the accuracy of the systems as the same level as the prior model.



Rear-View Cameras **BLACK DIAMOND™**

Rydeen introduces the new era of high-definition vehicle cameras, the "BLACK DIAMOND" series. With true Ultra and Super HD sensors to iconic Black Lens, combining to deliver the higher definition experiences to the vehicle camera applications. Starting from HD3 and LIP2 with added Active Parking Lines (APL) features, expanding the HD offerings to the SuperView HD mirror monitor, Rydeen is committed to deliver the highest visual experiences than any other companies in the industry.



Enhanced Viewing Systems and DVRs

Our RDV360 has revolutionized enhanced viewing for the aftermarket when introduced 4-year ago. For 2018, we are continuing to expand the market of our 3D Surround View Driver Assist, the RDV360-3D. This system allows drivers to experience a real-time, 3D and top-down look around their vehicle enabling them to spot and avoid potential hazards. The built-in DVR records from either one or all 4 cameras. We're expanding our lineup of DVR's this year with BVR400 III 4-channel "Black Box" systems, that allows the driver to select a combination of camera views for the ultimate safety experience.



Pro Grade Series Monitors, Cameras and Advanced Viewing Systems

Rydeen introduces a Pro Series product category. Starting with 7-inch monitor that can withstand 10G of vibration and may be combined with 4 styles of professional grade cameras with complete water-proof (IP69K) design. See and experience Rydeen products that can offer solutions and expand your capabilities of in-vehicle technologies.



Driver Awareness Systems (Parking & Blind Spot)

This year we are enhancing our lineup of Park Assist Systems with the addition of PSR4000D & PSK4 Digital Parking Sensor Systems. Both systems replicate the performance and functionality of original equipment systems using the latest technology available. The PSR4000D & PSK4 sensors are Ultrasonic Park Assist featuring the latest in digital technology for accuracy and quick response.



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FRAMELESS MIRROR MONITORS



MV437FLT



- 4.3" Mirror Monitor with Ultra High-Brightness TFT Screen
- Frameless Mirror with Polished Edges
- 2 Video-In with 1 Video Auto-Trigger Switching for Back-up Camera
- Two Temperature Sensors for Inside & Outside Temperature Readings
- Highly Accurate Compass Included
- Mirror Measures 10-1/4 Inch
- Detachable & Replacable Mount
- Universal Mount (VSM-AV) Mount Included
- Screen Auto-brightness ON/OFF Selectable

MV437FL



- 4.3" Mirror Monitor with Ultra High-Brightness TFT Screen
- Frameless Mirror with Polished Edges
- 2 Video-In with 1 Video Auto-Trigger Switching for Back-up Camera
- Mirror Measures 10-1/4 Inch
- Detachable & Replacable Mount
- Universal Mount (VSM-AV) Mount Included
- Screen Auto-brightness ON/OFF Selectable

OE GRADE MIRROR MONITORS

EV486ACT

- 4.3" Mirror Monitor with Ultra High-Brightness TFT Screen
- Auto-Dimming Mirror with Variable Reflection
- 2 Video-In with 1 Video Auto-Trigger Switching for Back-up Camera
- Two Temperature Sensors for Inside & Outside Temperature Readings
- Highly Accurate Compass Included
- Mirror Measures 10-1/4 Inch
- Detachable & Replacable Mount
- Universal Mount (VSM-AV) Mount Included



EV486A

- 4.3" Mirror Monitor with Ultra High-Brightness TFT Screen
- Auto-Dimming Mirror with Variable Reflection
- 2 Video-In with 1 Video Auto-Trigger Switching for Back-up Camera
- Mirror Measures 10-1/4 Inch
- Detachable & Replacable Mount
- Universal Mount (VSM-AV) Mount Included



MV433T

- 4.3" Mirror Monitor with Ultra High-Brightness TFT Screen
- 2 Video-In with 1 Video Auto-Trigger Switching for Back-up Camera
- Two Temperature Sensors for Inside & Outside Temperature Readings
- Highly Accurate Compass Included
- Mirror Measures 10-1/4 Inch
- Detachable & Replacable Mount
- Universal Mount (VSM-AV) Mount Included



MV433S

- 4.3" Mirror Monitor with Ultra High-Brightness TFT Screen
- 2 Video-In with 1 Video Auto-Trigger Switching for Back-up Camera
- Mirror Measures 10-1/4 Inch
- Detachable & Replacable Mount
- Universal Mount (VSM-AV) Mount Included



MV Mirror Mount Systems

Included VSM-AV



MOST TOYOTA, NISSAN,
FORD, GM, MAZDA, HONDA

VSM-A



MOST TOYOTA, NISSAN,
FORD, GM, MAZDA, HONDA

VSM-B



HONDA - ACCORD
CIVIC MITSUBISHI - GALANT

VSM-AD



A MOUNT FOR VEHICLES WITH TIGHT
CLEARANCE (HONDA CR V, ODYSSEY,
DODGE CHALLENGER, CHARGER)

VSM-UNI

UV Glue



UNIVERSAL
(VSM-A, D-TAP AND UV GLUE)

VSM-I



VOLKSWAGEN
PASSAT/JETTA/GOLF, AUDI - A6 / A4
(MV MIRROR WITH BALL JOINT)

VSM-J



CHRYSLER MOUNT
(MV MIRROR WITH BALL JOINT)

VSM-K



SMART MOUNT
(MV MIRROR WITH BALL JOINT)

VSM-KS



SPRINT MOUNT
(MV MIRROR WITH BALL JOINT)

VSM-DV



MOST HYUNDAI AND KIA
(MV MIRROR WITH BALL JOINT)

VSM-BMW



2001-2013 BMW TWIST STYLE
MOUNT

MV ADAPTOR



MV MOUNT ADAPTOR FOR CUSTOMERS
USING ORIGINAL MOUNTING SYSTEM

HD FULL SCREEN REARVIEW MIRROR



Touch Key Controls

High-Definition Camera
BLACK DIAMOND™

SV747HD **AVT**

- HD Full Screen SuperView Mirror Monitor
- 7.36" Full Screen LCD (1280*400 pixels)
- Touch Key Controls
- Real time rearview display
- High resolution image without distortion
- Multiple display modes available
- High Definition and Analog Options.

Driving Display Modes:

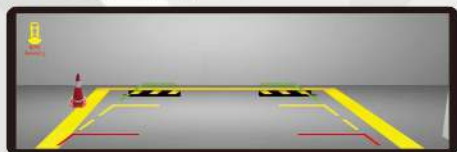


180-Degree Full View Mode

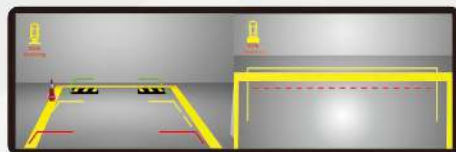


Zoom-in Telephoto View

Reversing Display Modes:



180-Degree Full View Mode



Split View Mode
(130-Degree View + Top View)



Zoom-in Telephoto View

180-degree viewing angle

PRO GRADE MONITORS



VSM Mount Sold Separately

M7000P

Stand-Alone Monitor (7-inch)

- 7-inch WVGA Digital TFT Panel (800*480 Pixels)
- Multi-languages OSD: English, French, Spanish, Russian.
- 2-AV Inputs: AV1 & AV2 with 1 Reverse Trigger
- On-board Speaker
- Commercial Grade 4-PIN AV Connectors
- Display Aspect: 4:3 & 16:9
- Multiple Video Formats: NTSC / PAL
- Remote Control Included
- Operating Voltage: 9-16 V
- Multiple Mounting Methods Available

Professional Grade Waterproof
4-PIN Connectors (AVV)



5-INCH MONITOR

BM500S

Stand-Alone Backup Monitor (5-inch)

- 5-inch WVGA Digital TFT Panel (800*480 Pixels)
- Multi-languages OSD: English, French, Spanish, Russian
- 2-AV Inputs: AV1 & AV2 (AV1 is priority)
- Display Aspect: 4:3 & 16:9
- Multiple Video Formats: NTSC / PAL
- Operating Voltage: 9-16 V



3.5-INCH MONITOR

BM354S

Stand-Alone Backup Monitor (3.5-inch)

- Flexible Mount for Easy Installation
- 2 Video-In (One Auto Switching for Backup Camera)
- LCD Screen Size: 3.5-inch diagonal
- Resolution: 320*240 pixels
- Color Configuration: RGB delta
- Power Input: 9-16V DC
- Backup Camera Sold Separately



DIGITAL WIRELESS MODULES

DG240 II

AVT

Digital Wireless Backup Video Kit

- Digital Wireless 2.4GHz Transmitter/Receiver Set
- Waterproof IP69K
- Connects to Backup Camera and Front Video Screen
- Effective Transmission Range average 35 feet.
- 4-Pin Pig Tail Connector for MINy Camera Serials.

For MINy camera
(camera not included)

WG-2400P II

AVT

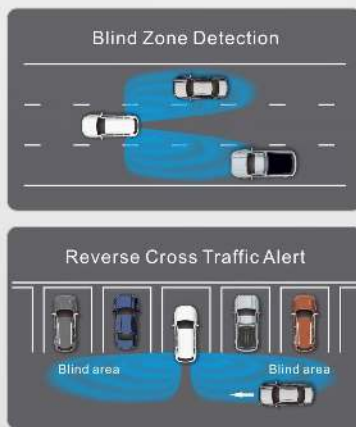
Commercial Grade Digital Wireless Backup Video Kit

- Digital Wireless 2.4GHz Transmitter/Receiver Set
- Waterproof IP69K
- Connects to Backup Camera and Front Video Screen
- Effective Transmission Range average 50 feet.
- Pro Grade Waterproof 4-PIN Connectors (Audio/Video Transmission)



For commercial camera
(camera not included)

BSS1 BLIND SPOT SAFETY WITH GPS SPEED CONTROL



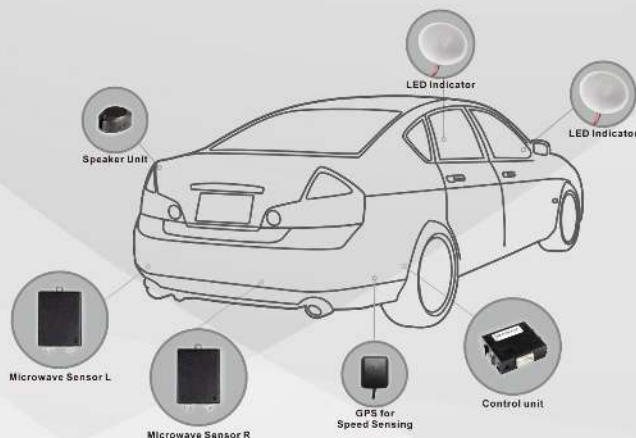
BSS1 Blind Spot Safety System



FEATURES

- State of the Art Microwave Radar Technology
- Accurate Detection of Vehicles in Blind Zone
- Cross Traffic Detection When Backing Up
- GPS Antenna for Speed Detection and Improved Sensing Accuracy
- No Cutting or Drilling Required
- Helps Ensure Safety and Reduces Stress While Driving

BSS1 Blind Spot Detection System is a radar based system which adds an extra set of eyes and warns drivers if there are any vehicles in your blind spots, before and during lane change maneuvers. The 2 compact radar sensors mount behind the rear bumper skin and alert the driver with 2 "A-Pillar" mounted LED indicators and a mini speaker that's hidden behind or under the dashboard.



BSS1 LICENSE PLATE BAR BLIND SPOT SAFETY



BSS1 LPB License Plate Bar Blind Spot Safety System



FEATURES

- State of the Art Microwave Radar Technology
- Accurate Detection of Vehicles in Blind Zone
- Cross Traffic Detection When Backing Up
- GPS Antenna for Speed Detection and Improved Sensing Accuracy
- No Cutting or Drilling Required
- Helps Ensure Safety and Reduces Stress While Driving

BSS1 License Plate Bar Blind Spot Detection System is developed based on Rydeen's experiences and proven history of BSS1 Professional Grade system introduced in 2017. This is a radar based system which adds an extra set of eyes and warns drivers if there are any vehicles in your blind spots, before and during lane change maneuvers. The 2 compact radar sensors are placed inside the license plate bar housing for ease of installation and alert the driver with 2 "A-Pillar" mounted LED indicators and a mini speaker that's hidden behind or under the dashboard.

3D 360° SURROUND VIEW 4-CH DVR SYSTEM

RDV360-3D



The RDV360-3D Surround View System eliminates blind spots and assists drivers in safe parking. Four 180° Cameras continuously record and using our advanced 3D software enable a 360° surround view. The 3D view software construct the virtual view of 3D image of vehicle surrounding that allows 45-degrees of viewing angle with wider viewing area...far more advanced than the 2D systems commonly used by car manufacturers. While the vehicle is parked, any triggered event (manual or auto) is saved to the included 8GB SD Card for future viewing.

Front / Rear Camera



MINI™ 180°

- Sensor: 1/3" CMOS low illumination
- Resolution (TV Lines): 580
- Minimum illumination: < 0.01 Lux
- Angle: 180°
- Video System: NTSC or PAL
- Waterproof class: IP67-68
- Image: Selectable Mirror Image
- Operating Voltage: 9-16 Volt

Right / Left Camera



SIDE CAM™ 180°

- Sensor: 1/3" CMOS low illumination
- Resolution (TV Lines): 580
- Minimum illumination: < 0.01 Lux
- Angle: 180°
- Video System: NTSC or PAL
- Waterproof class: IP67-68
- Operating Voltage: 9-16 Volt



Parking Safety

360° real-time surround view image displays on the right side and a backup camera view displays on the left side for enhanced viewing.

Features

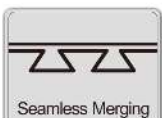
- Wide Angel View Capturing
- Flexible Omni-Directional Monitoring System
- Real-Time 360 3D View
- Blind Spot Free
- Minimum Stops For Calibration
- 2D & 3D Versions Available
- Five Different Vehicle Types Option



3D View Angle



Blind Spot View



Seamless Merging



4 Fish-eye Cameras



G-Sensor Lock



Easy Calibration



USB Support



Auto-Balance



Multiple Vehicle Types Option



Cyclic Recording

4-CHANNEL DVR SYSTEM

BVR400 III



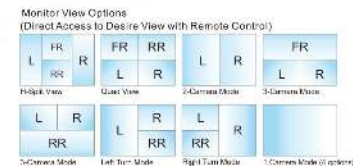
This 4 Channel Vehicle DVR system from Rydeen brings you Front, Rear, Right and Left views in high-definition, processed by our Intelligent Image Processing CPU.

- Real Time recording while vehicle is operating provides video and audio evidence in case of an accident.
- Features an auto-trigger function with turn signals or reverse to view potential hazards.
- Built in "G sensor" provides security for the vehicle even when parked, if an impact is detected the system wakes up and begins recording.
- 4 Channel views with split screen images assist while parking and driving. Remote control enables direct access to desired camera view(s).



Specification:

- Video Format: MOV
- Startup Record: ACC on, G-sensor
- Video Resolution: D1(720*480/30)
- Storage & Capacity: 8GB microSD (supports up to 32GB)
- Video Length: 1/3/5/ minutes
- LCD Off Delay: 3/1/5 sec
- Working Voltage: 9-16V



DUAL SIDE CAMERA KIT

DUAL SIDE CAM™

CM-D600

Universal Dual Side View Camera Kit



DIGITAL ULTRASONIC PARKING SENSORS

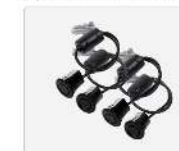
PSR4000D

Digital Ultrasonic Parking Sensors



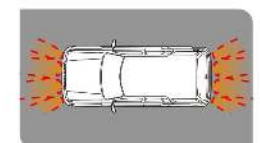
PSK4

Digital Sensor Add on Heads

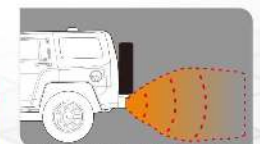


PSK4 Flush

Digital Sensor Add on Heads



High Accuracy 6-8 feet Sensing Distance



Sensing Start Position Adjustable According to Installation Location

Features:

- LED Display Included
- High Accuracy 6-8 feet Sensing Distance
- Sensing Learning Mode to Bypass Spare Tire, Bicycle, etc...
- Paintable Sensor Heads
- Sensor Extension Cables Included
- External Mounting System for Quick Install
- Drill Bit and Painting Masks Included



Front Sensing Requires PSK4 Package

PSK4000D Standard Package

BACKUP CAMERAS

BLACK DIAMOND™ MINY™ CM-HD3



MINY™ SUPERWIDE



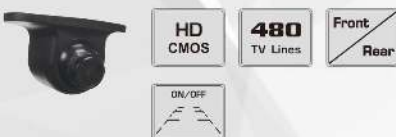
MINY™ CM-LED3



MINY™ ME2 CM-MM2



CYCLOPS GAM™ CM-EYE



JB01

Jeep Wrangler Bracket
(Camera Not Included)



BLACK DIAMOND™ LIP™2 CM-LIP2



MINY™ CM-APL2



MINY™ CM-MINy2



DUO™2 CM-DUO2



KEY HOLE CAM CM-CKH2



BL01

MINy Camera License Plate Bracket
(Camera Not Included)



OEM FIT TAIL-GATE LATCH CAMERAS

FDH-F1B

Tailgate handle camera for
Ford F150 Series (2004-2014)
Ford F250, 350 Series (2008-
2016)



GM-DH3

Tailgate handle camera for
Chevrolet Silverado / GMC
Sierra 2014 & Newer



TOY-TAC1

Tailgate handle camera for
Toyota Tacoma (2006-2016)



RAM-DH1

Tailgate handle camera for
Dodge Ram1500, 2500, 3500
(2009-2017)



FDH-F2B

Tailgate handle camera for
Ford F150 Series 2015 &
Newer



GM-DH2

Tailgate handle camera for
Chevrolet Silverado / GMC
Sierra (2007-2013)



TOY-TUN1

Tailgate handle camera for
Toyota Tundra (2009-2017)



FDH-F1C

Tailgate handle camera for
Ford F150 Series (2004-2014)
Ford F250, 350 Series (2008-
2015)



OEM FIT 3RD BRAKE LIGHT CAMERAS

CM-FT2000P

3rd Brake Light Camera for
Ford Transit



CM-SP2000P

3rd Brake Light Camera for
Sprinter



CM-NV2000P

3rd Brake Light Camera for
Nissan Van



CM-GC2000P

3rd Brake Light Camera for
Chevy Express & GMC Savana



CM-DP2000P

3rd Brake Light Camera for
Dodge ProMaster Van



CM-NVSM200

3rd Brake Light Camera for
Nissan Nv200 / Chevy Express City



PRO GRADE CAMERA SERIES

CM-C1000P

Pro Backup Camera
(Small Size)



CM-R1000P

Pro Backup Camera



CM-R1000W

Pro Backup Camera



CM-T1000P

Pro Top Mount Camera



CM-B1000P

Bullet-shaped Camera

