

Commercial Bus

Safety and Fleet Management Products



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Rosco, Inc. is a leading global supplier of vision safety solutions to the bus and truck marketplace. With over 115 years of engineering and manufacturing experience, Rosco has been at the forefront of developing intelligent solutions that make America's roads safer. Based out of NYC, Rosco products are made in the USA, ensuring that we deliver the highest quality and craftsmanship.

As the largest manufacturer of bus mirrors in North America, Rosco has earned a reputation for excellence and innovation. We offer a range of products, from AI-powered cameras and recording to cutting-edge collision avoidance systems, cloud-based SaaS platforms for vehicles, and more. At Rosco, our mission is to provide drivers with the tools they need to stay safe on the road. We understand the importance of reliable and efficient transportation, and are committed to developing the most advanced technology to help our customers achieve their goals.

So whether you're a driver, fleet operator, or transportation manager, Rosco has the vision safety solutions you need to keep your vehicles and your drivers safe on the road. Trust Rosco to provide you with the best in intelligent solutions for safer roads.



learn more



AccuStyle®

AccuStyle® 815 Series 8" x 15" Dual Mirrors can be mounted on mirror arms which are 3/4" O.D. tube up through 1-1/8" O.D. tube via the removable clamp cover on the back of the mirror shell – making OEM installation as well as aftermarket retrofit a breeze.

Features & Benefits

- ✓ Lightweight & built rigid for minimal vibration.
- ✓ Certified by OEM's to meet FMVSS 111 requirements.
- ✓ Reduces inventory of replacement parts.
- ✓ Aerodynamic, wind tunnel tested profile has lower drag coefficient for increased fuel economy.
- ✓ Each motorized mirror lens is four way adjustable.
- ✓ Used on all commercial bus types including cutaway, conventional and transit style.
- ✓ Available heated, motorized, embedded or external turn signal LED's, chrome.
- ✓ Hidden wire and connectors.
- ✓ Full height rear entry cap allows for easy installation & maintenance with access to wires & harnesses.

ACCUSTYLE®
OPTIONS



EXTERNAL TURN
SIGNAL LED



INTEGRATED TURN
SIGNAL LED

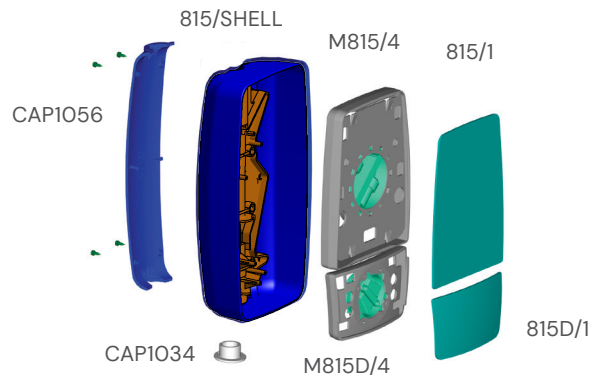


REAR LOOKING
CAMERA



Heavy Duty Spine
Structure

Smooth
Aerodynamic
Shape



COMBO & INTERIOR MIRRORS



AccuStyle® Rearview & Eye-Max® LP
Crossview Combination Assembly

Combination Assemblies

Multiple Rosco fender mounted mirrors can benefit from the uniquely stable E-Z Bracket® HD mounting base. The "Combo" fender mounted mirror design allows both Rearview and Front Crossview Mirrors to efficiently install on a common point, thus minimizing holes in the vehicle and maximizing ease of installation, and performance.

Features & Benefits

- ✓ All models are manufactured with safety glass.
- ✓ Padded edges meet state & federal safety requirements
- ✓ Non-glare glass available.
- ✓ Many mirrors come complete with mounting brackets.
- ✓ Powder coated for durability.
- ✓ Available in various sizes and mounting configurations for different operations.

355

Flat mirror



- 6" round
- 3 mounting types available.

362R

Convex mirror



- 12" round
- Ball stud mount included

416

Interior mirror



- 4"x16"
- Mounting base included

530

Interior mirror



- 6"x16"
- 7" MOR-VISION monitor display
- 2 channel, no splits

601D

Convex mirror



- 6" round
- Includes ball stud mount

609D

Entrance door convex mirror



- 6"x9"
- Manual spherical adjustment

609DRYL

Entrance door convex mirror



- 6"x9"
- Includes 616 int/bkt

616DRYL

Entrance door convex mirror



- 7"x16"
- Includes 616 int/bkt

710

Entrance door convex mirror



- 7"x10"
- For transit buses

8830D

Interior convex mirror



- 8"x15"

LED CROSSVIEW MIRRORS

EYE-MAX® LED & HD® LED

With front crossview mirror downlighting LEDs, visibility is increased in otherwise hard-to-see locations during low light conditions.

LEARN MORE



5360LEDH
EYE-MAX® LED HEATED

LEARN MORE



BBHDLEDH
HD® LED HEATED

auto on when door is triggered

10 second shut off delay

universal wiring

easy installation on all vehicle types

replaceable LED components



lower profile

reduces forward blind spots and sun glare

assymmetric mirror lens design

optimal field of vision (FOV)

NO ILLUMINATION

In low light conditions, the reflection in any mirror is difficult to see, even with the headlights on. An object or pedestrians in front of the bus may be almost invisible.



WITH ILLUMINATION

With the new Eye-Max® LED and HD LED® under mounted lights, objects and pedestrians in front of the bus are clearly visible to the driver.



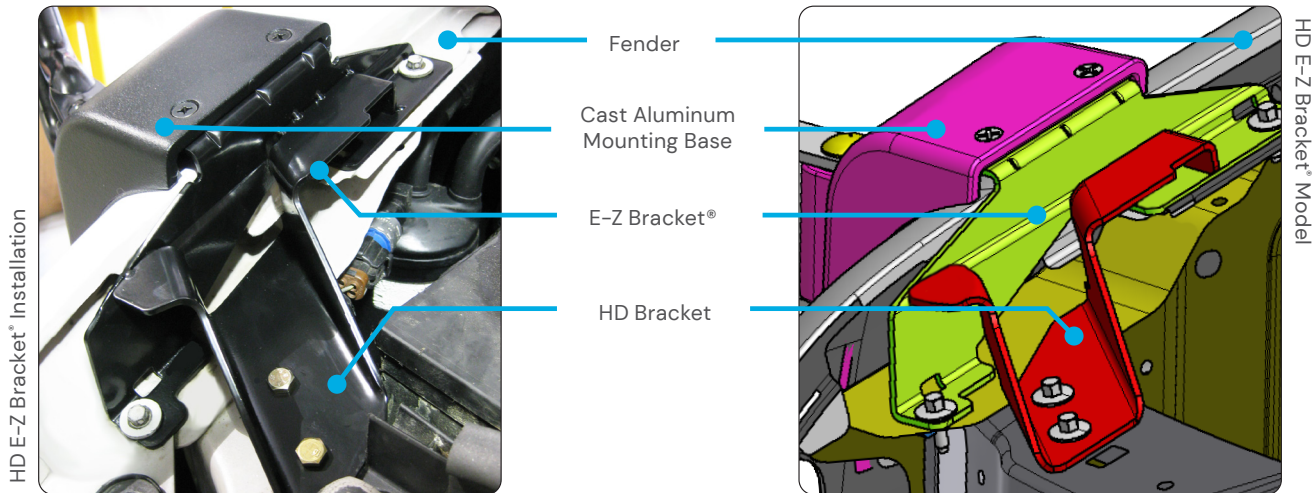
HEAVY DUTY FENDER MOUNT

Patented E-Z Bracket® System

Rosco's patented E-Z Bracket® System makes installation of a Type "A" bus mirror system easier than ever before. (Patent No. 7,055,973). The under-the-hood mount utilizes existing fender mounting bolts to secure the mount below the hood.

Features & Benefits

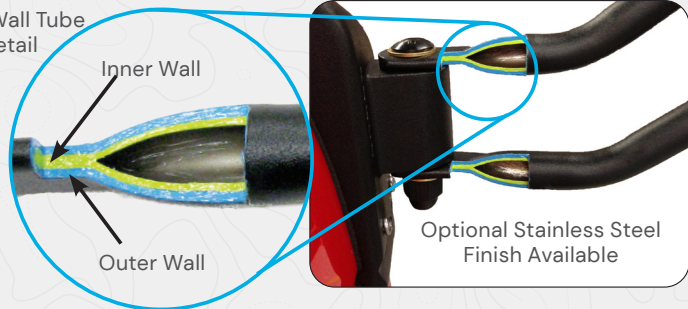
- ✓ Rosco's unique ferrule system transfers the strength of the inner heavy-gauge fender wall to the exterior of the vehicle.
- ✓ Installation completed with 2 holes instead of as many as 12.
- ✓ Eliminates the large arms and braces commonly used on passenger side mirror.
- ✓ Robust cast aluminum mounting base provides stable mount for vibration resistance & durability.
- ✓ Aerodynamic low-profile construction.
- ✓ Contoured profile matches the fender perfectly for a solid mount that looks great on the vehicle.
- ✓ Available for both Ford and GM vehicles.
- ✓ Vibration reduction / dual wall tube.



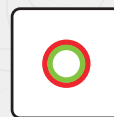
Dual-wall tubing

With Dual-Wall Arms, Rosco's fender mount system combines strength at the mounting location with lightweight performance throughout the majority of the arm. By incorporating the HD E-Z Bracket® and AccuStyle® lightweight mirror head, Rosco's fender mount system overcomes the challenges of light weight fenders, resulting in an exceptionally robust mirror "System."

Dual-Wall Tube Detail



AERO DYNAMIC



DUAL WALL TUBE



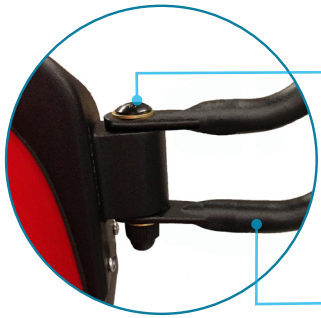
VIBRATION REDUCTION



2-HOLE INSTALLATION

Non-Detent Swivel Breakaway

Rosco's Non-Detent Swivel Arm Assembly is the industry standard. Its unique sandwich design provides unparalleled mirror assembly adjustment while being powerful enough to hold positions at highway speeds.

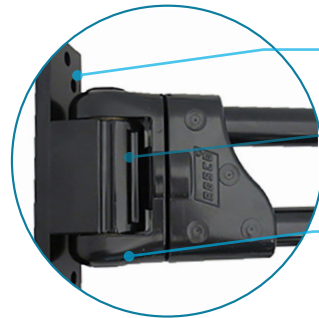


NON-DETTENT SWIVEL ARM ASSEMBLY

ADJUSTABLE BY HAND YET POWERFUL ENOUGH TO HOLD POSITIONS AT HIGHWAY SPEEDS

Spring-Break® Detent

Rosco's Spring-Break® Detent mechanism for mounting arms features vibration dampening and secure locking. The heavy-duty cast aluminum ensures durability and stability, while the tubular construction allows for added strength, customizable lengths, and hidden wiring.



VARIETY OF MOUNTING BASES AND HOLE CONFIGURATIONS

MULTIPLE CUSTOM GROOVE LOCATIONS FOR VARIABLE DETENT ANGLES

HIDDEN INTERNAL SPRING DETENT MECHANISM

MIRROR CONTROL SWITCHES & CUSTOM WIRE HARNESSING

Mirror Control Switches

A variety of switches, including heater controls and timers, are available to suit all requirements. Wire harnesses are available from stock or in custom lengths, with many different standard and weatherproof connectors.



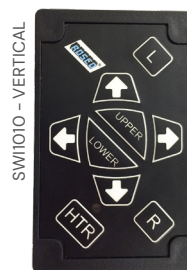
HAR5020

Remote control knob style switches available with or without illumination.

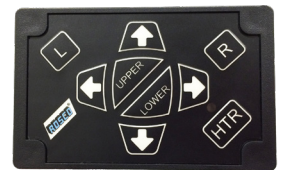
Heater control switches available in toggle or momentary functionality with optional heater shut-off timer.



HAR5012 (H/R/LED) or **HAR5013 (H/R)**



SW1010 - VERTICAL



SW1011 - HORIZONTAL

Illuminated membrane switches with combination heater and remote control functions for up to four lenses.

Rosco's family of remote control/heater membrane switches consolidates the function of two "knob" style remote switches and a separate heater switch into a small solid state package with illumination, circuit protection and unmatched durability.

STAND ALONE MONITORS & CAMERAS

Enhancing your coverage

Give your drivers the confidence they need with Rosco's stand alone monitors and cameras. Rosco provides a wide range of monitor types and sizes for your vehicle and needs that are easily installed on the dashboard, windshield, or overhead. Rosco has many types of cameras ranging from backup, side, and interior cameras to ensure safety and reduce blind spots for all types of commercial vehicles

Monitors

STSM208

5" Monitor

- 800x480p
- 16:9
- 2 channel, no split
- Audio/speaker



STSM243

5" Monitor

- 480x 272p
- 16:9
- 2 channel, no split



STSM254

7" Monitor

- 800x 480p
- 16:9
- 1 channel
- Audio/speaker



STSM251

7" Monitor

- 800x 480p
- 16:9
- 2 channel, no split
- Audio/speaker



STSM270

7" Monitor
split monitor

- 800x 480p
- 16:9
- 4 channel, split
- IP67
- Audio/speaker



STSM207

7" Monitor
split monitor

- 800x 480p
- 16:9
- 4 channel, split
- IP67



Cameras

STSC106

Bullet Camera

- 9 IR LEDs
- 150° FOV
- IP69K



STSC111B

Rear / Side
Camera

- 6 IR LEDs
- 170° FOV
- Mic
- IP67



STSC141

Backup Camera

- 18 IR LEDs
- 120° FOV
- Mic
- IP69K



STSC132W

Side Cameras
(R)

- 150° FOV
- CMOS Night Vision
- IP67



STSC133W

Side Cameras
(L)

- 150° FOV
- CMOS Night Vision
- IP67



STSC172

Interior Dome
Camera

- 10 IR LEDs
- 150° FOV
- Mic



MOR-Vision® Mirror/Monitor Backup Camera Kits

Rosco Vision's MOR-Vision® Mirror/Monitor kits utilize an interior rearview mirror to display an LCD monitor when the vehicle is in reverse operations, allowing the driver to see behind the vehicle. Once the vehicle is shifted to all other modes of operation, the normal mirror view reappears. MOR-Vision® Mirror/Monitor kits are easily installed and have the option to connect with an interior camera.

STSK4642

3"x10" MOR-Vision® flat mirror with 4.3" monitor.

Kit includes:

- Mirror/Monitor: **STSM240**
- Camera: **STSC111B**
- 33' Harness: **STSH343**



STSK4730

4.25"x9.77" MOR-Vision® flat mirror with 7" monitor.

Kit includes:

- Mirror/Monitor: **STSM244**
- Camera: **STSC130B**
- 33' Harness: **STSH343**

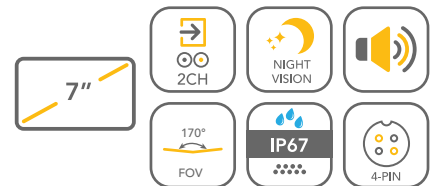


STSK5530

6"x16" MOR-Vision® flat mirror with 7" monitor.

Kit includes:

- Mirror/Monitor: **STSM530**
- Camera: **STSC111B**
- 33' Harness: **STSH343**

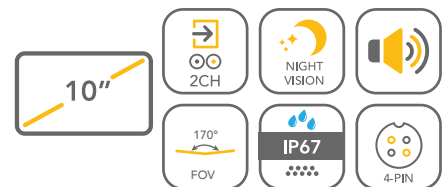


STSK8830DX

8"x15" MOR-Vision® convex mirror with 10" monitor.

Kit includes:

- Mirror/Monitor: **STSM830DX**
- Camera: **STSC111B**
- 65' Harness: **STSH341**



HD MONITORS & CAMERAS

Upgraded HD quality for better visibility and safety

Safety is the top priority for commercial fleets. A clear view around the vehicle is especially needed with limited visibility and the need to maneuver around pedestrians and other vehicles. Rosco's new HD camera and monitor line offer the clear views for both the driver and fleet manager.

HD Monitors

Rosco's HD monitors put more pixels on the screen with higher-resolutions and sharper quality to give drivers a better, clearer picture of what's in and around the vehicle.

STSM351

7" 1080P
HD Monitor



- 7" screen
- 2 channel input
- Audio
- Duckfoot / U-bracket mounting options
- Illuminated membrane controls

STSM370

10" 1080P
HD Monitor



- 10" screen
- 4 channel input
- Quad screen view
- Audio
- Duckfoot / U-bracket mounting options
- Touchscreen controls

STSM530HD

MOR-Vision® flat
Monitor



- 6"x16" MOR Vision mirror
- 7" screen
- 2 channel, no split
- Audio
- Standard mounting
- Auto-dimming

HD Cameras

Rosco's HD cameras ensure safe operations in public transportation and commercial fleets by enhancing visibility in limited visibility situations, providing clear views to navigate around pedestrians and vehicles.

STSC201

Backup Camera

- 17 IR LEDs
- 170° FOV
- 1080p
- Mic
- Heated



STSC211B

Rear / Side
Camera

- 6 IR LEDs
- 170° FOV
- 1080p
- Mic



STSC222U

Rear / Front /
Side Camera

- 180° FOV
- 720p



STSC267

Side Camera
(Right)

- 12 IR LEDs
- 132° FOV
- 1080P



STSC268

Side Camera
(Left)

- 12 IR LEDs
- 132° FOV
- 1080P



STSC272

Interior Dome
Camera

- 10 IR LEDs
- 140° FOV
- 1080P
- Mic



HD Kits

Keep your fleet and drivers safe with Rosco's HD Safe-T-Scope® kits. These comprehensive kits are specifically designed to provide an enhanced level of safety and security on the road. Rosco full HD kits are equipped with an HD camera, HD monitor, and harness to give drivers superior image quality and reliable performance, ensuring they have clear, high-definition views regardless of the conditions they encounter.

STSK5530HD

6"x16" MOR-Vision® flat mirror with 7" HD monitor. This kit comes with audio capability and up to 2 camera inputs.

Kit includes:

- HD Monitor: **STSM530HD**
- HD Camera: **STSC211B**
- 65' Harness: **STSH341**



STSK8165

10" 1080P LCD, touchscreen monitor kit including high mounted backup camera and 65' harness. Kit includes audio capabilities and up to 4 camera inputs and quad screen views.

Kit includes:

- HD Monitor: **STSM370**
- HD Camera: **STSC201**
- 65' Harness: **STSH341**



STSK8965

7" 1080P LCD monitor kit including high mounted backup camera and 65' harness. Kit includes audio capabilities and 2 camera inputs.

Kit includes:

- HD Monitor: **STSM351**
- HD Camera: **STSC201**
- 65' Harness: **STSH341**



SURROUND VIEW CAMERA SYSTEM

SAFE-T-SCOPE® 360HD

STSK360HD

Rosco's Safe-T-Scope® 360HD utilizes four 192° field-of-vision cameras to offer drivers 360° 3-dimensional views around the bus. The enhanced 3D technology enables the driver to see views of the bus, at all angles, covering crucial blind zones where visibility is otherwise lost.

CONTROL BOX



CAMERAS



10" Monitor Options Available



STSM301
10" LCD MONITOR



STSM830DX
CONVEX MIRROR WITH
10" LCD MONITOR

Benefits

- ✓ Meets the requirements of FMVSS 111 rear visibility standards.
- ✓ Increases driver awareness.
- ✓ Provide visual coverage of blind zones that are pertinent to large vehicles.
- ✓ Reduces the risk of collisions with Vulnerable Road Users (VRUs).
- ✓ Provide clear vision on sides of vehicles for narrow roadways.
- ✓ Expanded vision on sides of vehicle when reversing into blind zones.

Features

Cameras	(4) 192° Field of View Cameras Video Output: 1280 * 720 @ 30fps IP69K Rating Rust / Salt Resistant
Electronic Control Unit (ECU)	Environmental Testing: RoHS Operating Temp: -40°F ~ 185°F Rust / Salt Resistant
Harnesses	Fakra connections
Monitor	10" High Brightness HD Monitor Screen Resolution: 1280 * 800 LVDS Digital Input *STSM830DX monitor sold separately*
Image Views	The Safe-T-Scope 360™ HD allows for automatic multiple views to enhance points of focus during vehicle operation.



Rosco offers the 360 system in an analog version to be compatible with more vehicle applications. The analog system provides clear 2D, aerial 360 views for the driver for improved visibility.

Safety Sensors

Rosco safety sensors give drivers the information they need for safe driving and reverse operations. Rosco designs flush mount and under-the-bumper sensors for a range of applications.

BSSK1000

Wireless Undermount



Rearview bumper ultrasonic wireless undermount sensor kit.

Includes:

- (4) Undermount sensors
- (1) Transmitter Kit
- (1) Display Panel



BSSK1001

Wireless Flush mount



Rearview bumper ultrasonic wireless flush mount.

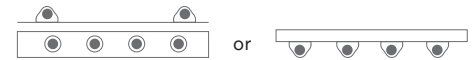
Includes:

- (4) Flush mount sensors
- (1) Transmitter Kit
- (1) Display Panel



BSSK4000

Hard wired



Heavy duty ultrasonic system with 4 rear bumper mount sensors and 2 roof sensors.

Includes:

- (6) Sensors
- (2) Roof Mount Brackets
- (4) Undermount
- (4) Flushmount Brackets
- (1) Control Box
- (1) Display Panel(1) Display Panel



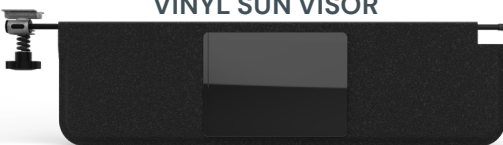
SUN VISORS



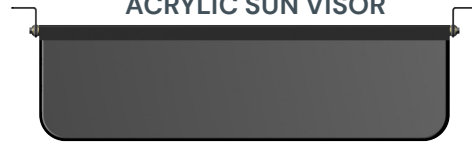
learn
more

Rosco's heavy duty sun visors are designed to stand up to the demands of today's commercial bus industry. Only the finest heavy duty materials are used. The vinyl padding resists scratching, tearing and fading. Our standard line of acrylic sun visors are suitable for use when a see through visor is needed. These visors are an economical alternative to our heavy duty, padded line.

930 Series VINYL SUN VISOR



845 Series ACRYLIC SUN VISOR



CONTINUOUS HD VIDEO RECORDING

Dual-Vision®

Rosco's Dual-Vision recorders have the capacity to identify unsafe driving behavior through its ability to continuously record video and provide instant driver feedback when an event occurs.



DV6

PN: DV660

Features:

- Continuous video and event recorder:
 - Driver Monitoring System (DMS)
 - ADAS Collision Avoidance
 - Unsafe Driving Behavior
 - Speeding
 - Driver Event Button
 - Vehicle Idling
 - Camera Obstruction
 - Seatbelt
- Comes with 128 GB Micro SD
- Up to 1.5 TB local storage
- Integrated CAN bus with built-in modem.
- Internal modem and antenna for minimal clutter under the dash.
- 2 cameras integrated into one housing for minimal obstructions.
- Tamperproof security fasteners make DV6 the most secure dash cam.

Features & Specs

# Of Cameras	2 (expandable to 6)
Dimensions	5.08" x 2.41" x 4.01"
Camera Specifications	C1: 1080p, C2: 1080p
Camera Viewing Angles	C1: 116°Dia, C2: 116°Dia
G-Sensor	built-in 3-axis accelerometer
Audio	internal microphone for C2
Gps	built-in gps w/ antenna
Can Bus	yes
DMS AI Alerts	built-in
Parking Mode	yes
Driver Event Button	built-in
Speakers (Alerts)	yes
Adjustable Video Quality	yes
Adjustable Frame Rate	yes
Light Sensor & Ir Leds	yes
Modem	built-in
Local Storage	micro SD (up to 1TB)
RoscoLive Connectivity	required
ADAS	yes
Driver ID	QR-Code scan via DV6 front cam

ROSCOLiVE®

Real-time access to videos and data

Event videos from the DV cams are available on RoscoLive in real-time via 4G LTE connection – fully tested and certified by major carriers including Verizon, and AT&T.



learn more

Cutting edge technology to future proof your fleet

See where all your vehicles are using a single interface with Google Maps functionality. Watch and flag Event footage, stream live video, or download/share video footage.



The power of video and data

Put yourself in the driver seat with powerful tools like trip replay. Go where your drivers go, and see what your drivers see. RoscoLive helps fleet managers and drivers work together to optimize productivity.



DMS features

Alerts driver of phone use, drowsiness, distraction, and more... DMS alerts will notify Fleet Manager with footage available. Coach your driver and monitor future performance.



Effortless Maintenance with OTA

Over-the-air maintenance let's you manage your hardware and firmware remotely.

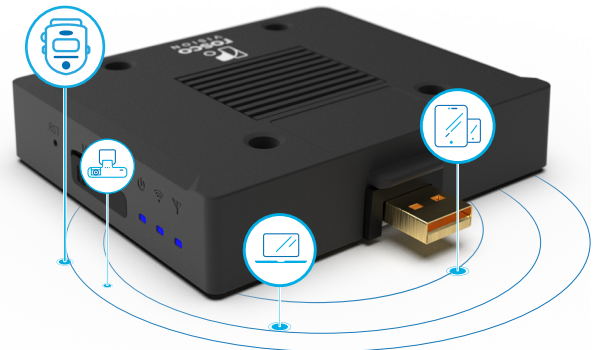


ROUTER & MODEM

STAY CONNECTED
WHILE ON THE ROAD!
UP TO 6 DEVICES.

LTE CAT-4 Mini Router

The Rosco ND100 Mini Router is an LTE CAT-4 device which supports high download and upload throughput as per the 3GPP standards.



MULTIPLEXER

Extra cameras & views with the multiplexer

Add 4 additional camera views to your fleet with STSS1200, the HD multiplexer. This product comes equipped with a wireless remote to switch views from single, split, tri and quad views.



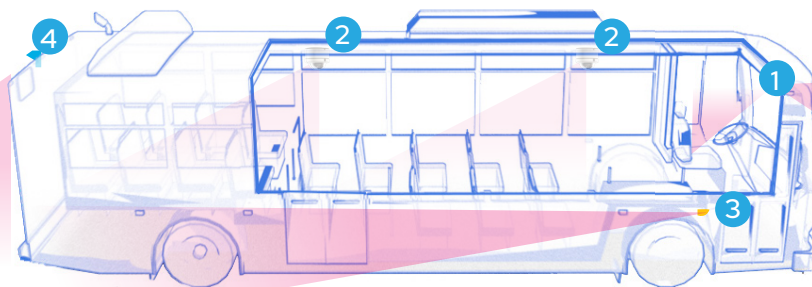
Features & Benefits

- ✓ 4 standard analog and HD inputs
- ✓ 1080p output for ultra-clear views
- ✓ Standard VGA output for use with older monitors
- ✓ Wireless keypad to switch views easily
- ✓ Additional views can be added depending on fleet requirements such as
 - + Exterior side cameras (Left/Right, Front, Rear)
 - + Backup camera
 - + Additional interior camera (i.e. for long passenger buses)
 - + Trailer camera
 - + Interior cargo camera + more...



Six camera view on RoscoLive (DV6 in-cab view + exterior windshield view, two side camera views, interior cargo view, backup camera view)

How the STSS1200 multiplexer works



- 2 HD Interior Dome Camera **STSC272**
- 3 HD Exterior Side Cameras **STSC268** (Left) **STSC267** (Right)
- 4 HD Exterior Backup Camera **STSC201**



ROSCO D·CAMS



LEARN MORE



FLAT LENS
Class II FOV

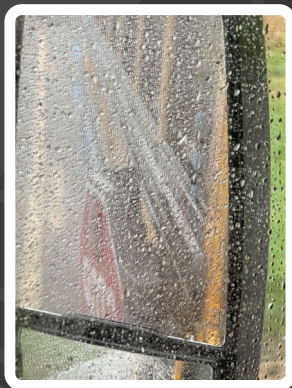
CONVEX LENS
Class IV FOV

Class V FOV

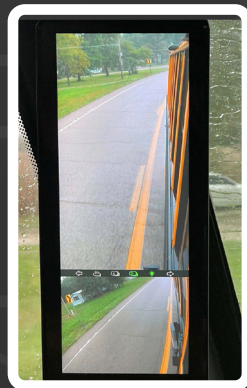


The new mirrorless camera system! Offering better visibility around the vehicle, the Rosco D·CAMS has been engineered to replace exterior rear vision mirrors on commercial vehicles.

The digital cameras cover views shown in both the flat lens and convex lens of rear view mirror.

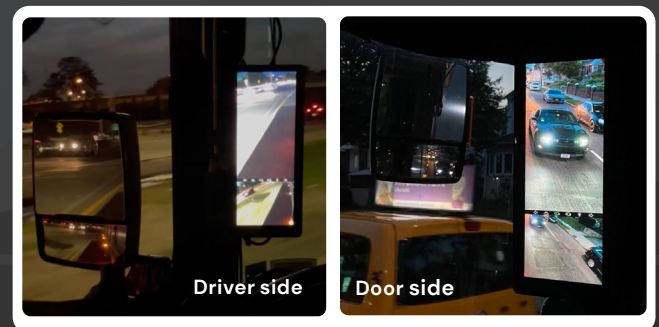


Traditional mirror view during rainy weather.



Highly improved visibility when using Rosco's DCAMS.

Low light conditions



- Wider and deeper Field-of-View (FOV)
- Smaller blind zones
- Better visibility and brighter images during the day and night
- Clearer images in all weather conditions
- Aerodynamic design offers fuel savings and efficient operations
- Small camera profiles and high mounting locations to lessen impacts with objects

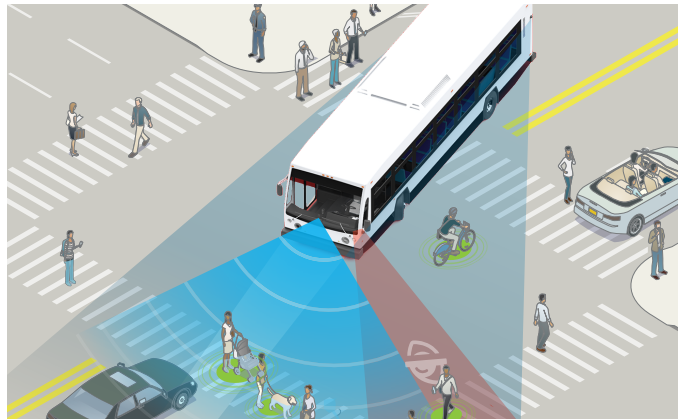
COLLISION AVOIDANCE SYSTEM



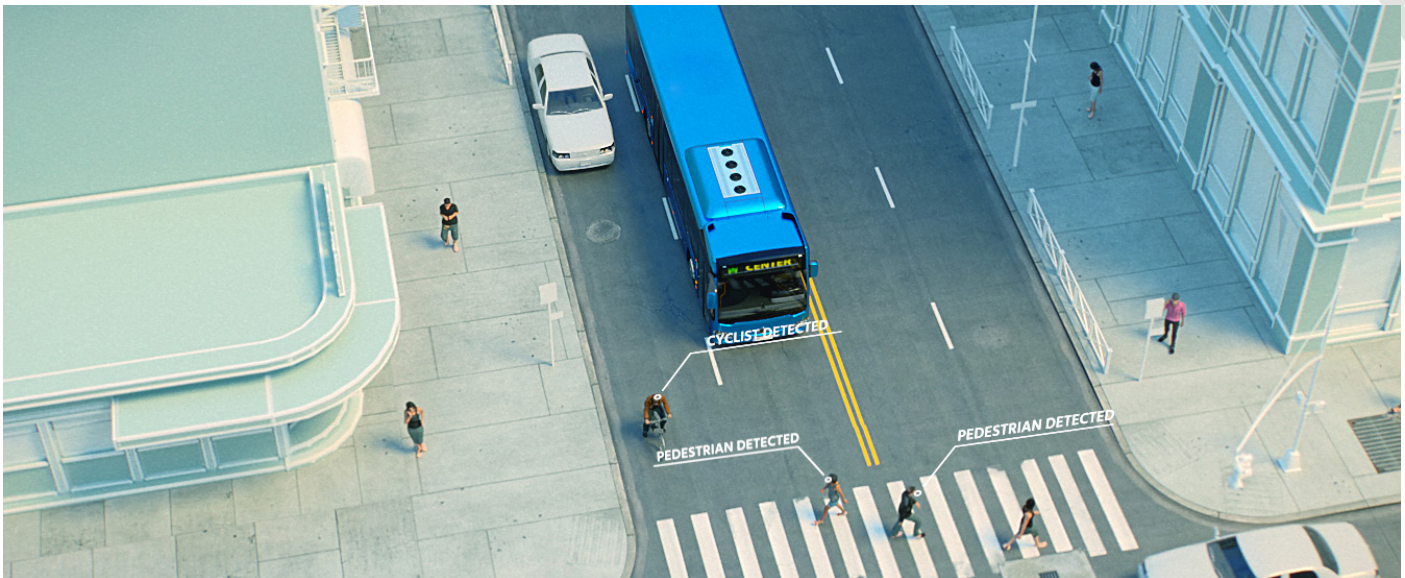
Integrating collision avoidance technology for the next level of safety

The Mobileye® Advanced Driver Assistance System (A.D.A.S.) is a single cam kit and the Shield+™ System is a multi-cam kit. These two Mobileye collision avoidance systems are the most effective technologies for preventing collisions between vehicles and Vulnerable Road Users (VRUs) including pedestrians and cyclists.

VRUs often are not seen by the bus operator due to large blind spots around the vehicle, especially when making turns. Mobileye collision avoidance systems increase awareness and safety for the driver and VRUs around the bus to prevent collisions. When a threat of a collision is high, Mobileye alerts give drivers the vital seconds needed to take corrective action.



SMART SIDE SENSORS ARE ONLY AVAILABLE FOR SHIELD+ VERSION



FORWARD FACING COLLISION WARNINGS



+ Lane Departure Warning



+ Speed Limit Indication



+ Pedestrian and Cyclist Warning



+ Headway Monitoring & Event Warning



+ Urban Forward Collision Warning & Forward Collision Warning

Mobileye® Shield+4 3 CAM KIT



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more

Integrating Mobileye Technology with Rosco's Dual-Vision XC4 enables real-time video feedback as the Mobileye System triggers alerts & warnings.

PEDESTRIAN & CYCLIST SIDE SENSING ONLY AVAILABLE WITH SHIELD+

Mobileye® A.D.A.S. SINGLE CAM KIT



Driven by safety — an AI-powered fleet safety solution. Prevent collisions, improve driver performance, and keep pupils safe. Act to prevent collisions with real-time alerts day or night. With Mobileye's latest technology, you get night detections, more accuracy, and greater range of detection.

SIDE SMART SENSORS ARE ONLY AVAILABLE FOR SHIELD+ VERSION

COLLISION AVOIDANCE W/ VRU
SIDE SENSING CAPABILITIES



MOBILEYE
ADAS
1 CAM



MOBILEYE
SHIELD+
3 CAM

<i>Collision Avoidance features</i>	<i>Standard forward detection system</i>	<i>Right and left side and forward detection system</i>
Lane Departure Warning	✓	✓
Speed Limit Indication	✓	✓
Forwards Pedestrian & Cyclist (VRU) Warning	✓	✓
Headway Monitoring & Event Warning	✓	✓
Forward Collision Warning	✓	✓
Urban Forward Collision Warning	✓	✓
VRU Detecting Side Sensors	-	✓
Large Displays	-	✓



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