

e-mirrors

D•CAMS

The future of fleet visibility—
crystal-clear digital vision,
wider field of view, and safer
roads in all conditions.



www.roscovision.com



LEARN MORE!



FLAT LENS
EQUIVALENT
R46 Class II FOV

CONVEX LENS
EQUIVALENT
R46 Class IV FOV



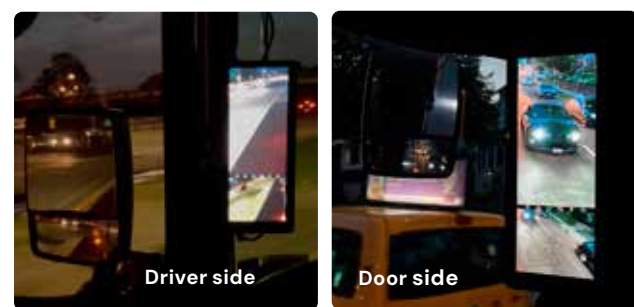
D•CAMS

Digital Camera and Monitor System

P/N: DCMS1006

Offering better visibility around the vehicle, the Rosco D•CAMS has been engineered to replace exterior rear vision mirrors on commercial vehicles.

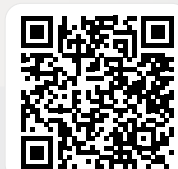
- Wider & deeper Field-of-View (FOV)
- Smaller blind zones
- Better visibility and brighter images during the day and night
- Clearer images in all weather conditions
- Aerodynamic design offers fuel savings and efficient operations
- Small camera profiles and high mounting locations to lessen impacts with objects
- Rosco's D•CAMS has been granted a FMCSA exemption allowing for the replacement of exterior rear view mirrors



Low light conditions



All-weather conditions



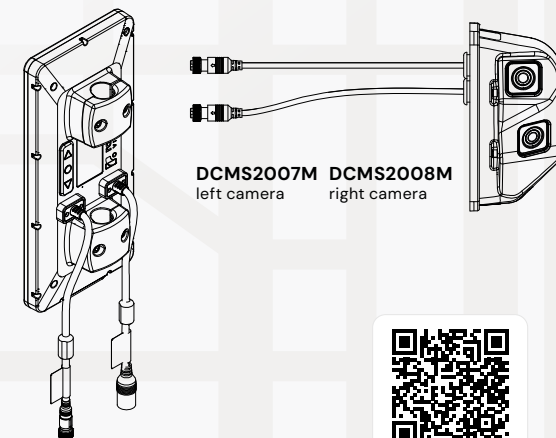
LEARN MORE!

1080P DIGITAL CAMERA AND MONITOR SYSTEM

P/N: DCMS1006

Weatherproof,
High-Definition Visibility

The Rosco D•CAMS cameras deliver superior visibility and safety by replacing traditional side-view mirrors with high-definition digital imaging. Featuring high definition resolution, heated lenses, and an IP69K-rated weatherproof design, these cameras provide clear, unobstructed views in all conditions—day or night, rain or shine.



DCMS3005 left monitor
DCMS3006 right monitor



LEARN MORE!

See More, Drive Smarter

The multi-camera system covers R46 Class II, Class IV, and optional Class V fields of view, significantly reducing blind spots and enhancing driver awareness. With automatic brightness adjustment, lane assist overlays, and aerodynamic benefits, Rosco D•CAMS cameras offer a cutting-edge solution for modern commercial vehicles.



DCAMS Camera 1080P

Size of the Camera:	5.4"W x 6.9"H x 3.8"D 137mm x 176mm x 95mm
Resolution:	1920 x 1080 AHD 30FPS
Min Illumination:	0.01 lux
Waterproof and Dust Resistance Grade:	IP69K
Operating Temp Range:	-40°F to +185°F (-40°C to +85°C)
Image Type:	CMOS image sensor 1/3"
Lens Coating:	Hydrophobic

DCAMS Monitor

Size of Monitor:	5.7"W x 12.5"H x 2.6"D 146mm x 319mm x 65mm
Resolution:	1920 x 720
Contrast Ratio:	1000:1
Power Requirements:	12/24V DC
Max Current Consumption:	1.2A
Sleep Current Consumption:	<0.1A
Brightness (cd/m2):	750
Video Input Format:	AHD
Anti-Glare Screen:	Included

Monitor Icons

Notes



HEATING IN
PROGRESS

The heating function is indicated by this icon based on the heating status.



SYSTEM STATUS

System communication is indicated by this icon based on the status of the connection to the CAN controller/system interface.



DAY MODE

These icons indicate day and night modes based on the ambient light source.



NIGHT MODE

Rosco-DCams.com

D•CAMS⁺

w/ Mobileye Shield+ Integration

P/N: DCVQ1000

Bringing together the power of e-Mirror innovation and collision avoidance technology.

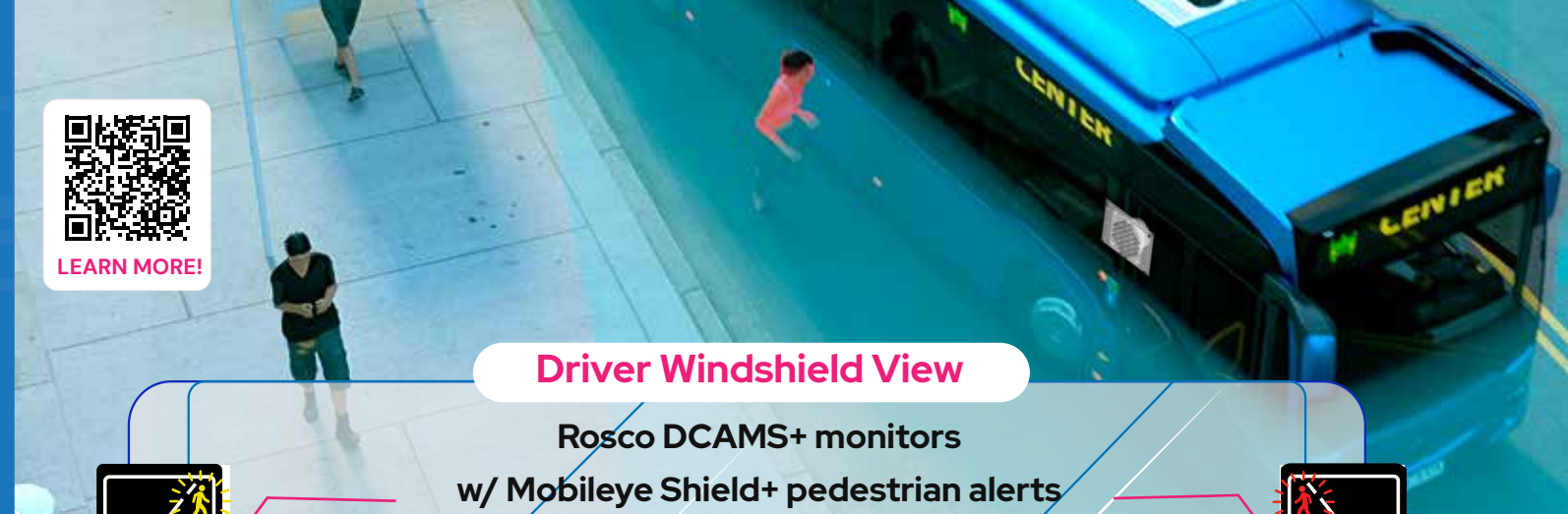


This enhancement empowers your D•CAMS with the advanced capabilities of Mobileye ADAS. Mobileye Shield+ utilizes three forward-facing sensors to provide a suite of intelligent safety features designed to help prevent unsafe driving situations. This solution integrates advanced functionality while complying with key regional regulatory standards.

NEW

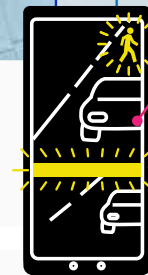


LEARN MORE!

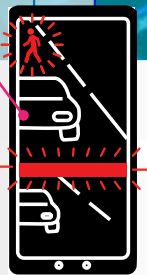


Driver Windshield View

Rosco DCAMS+ monitors
w/ Mobileye Shield+ pedestrian alerts



Mobileye Shield+
Center Display



Mobileye Shield+ System Components

Exterior Vision Sensor Camera

- ✓ Concealed wiring
- ✓ Heated interior chamber
- ✓ IP67 Rated
- ✓ Exterior cameras withstand the rigors of harsh environments

Windshield Mounted Vision Sensor

- ✓ Automotive-grade chip performing trillions of operations per second
- ✓ Multi-core processing
- ✓ Platform for Mobileye's industry-leading algorithms for vehicle and pedestrian detection

Driver Pedestrian Alerts

- ✓ Pedestrian alert overlays on DCAMS monitors
- ✓ Piezo speaker system for intelligent audible alerts
- ✓ Universal mounting features

Upgrade kits
available
for current
Mobileye
Shield+ users!





DCAMS+ custom
kits available for
major bus OEMs
including Gillig, New
Flyer, Nova Bus, plus
more!



DCAMS+ enhances the user experience by integrating Mobileye's collision avoidance technology into D•CAMS e-mirror monitors. Mobileye's ADAS (Advanced Driver Assistance System) seamlessly transmits and overlays data to the D•CAMS monitors in real time. (Alerts enhanced for illustrative purposes)

CENTER DISPLAY ONLY

Feature	Description
 LANE DEPARTURE WARNING	Alerts when vehicle departs from driving lane without turn signals activated. Right/left lane icon appear as appropriate. Active above 34 mph.
 SPEED LIMIT INDICATOR	Visual verification when the vehicle exceeds the last identified speed limit sign. Active at any speed.
 HEADWAY MONITORING FOLLOWING	Displays the following distance in seconds, to the vehicle in front when that time becomes 2.5 seconds or less. Green vehicle icon signifies safe headway; red icon unsafe. Active above 19 mph.
 (URBAN) FORWARD COLLISION WARNING	Red vehicle icon warns of an imminent rear-end collision, up to 2.7 seconds beforehand. Over 19 MPH, FCW alerts with a series of beeps. Under 19 MPH, UFCW alerts with a double beep.
 YELLOW PEDESTRIAN ALERT	Yellow display alerts the driver that a pedestrian or cyclist is detected around the vehicle. The driver may continue operating with caution. Active from 0.6 mph to 43 mph.
 RED PEDESTRIAN ALERT	Red display and audible beeping alerts the driver of a pedestrian or cyclist that is in the vehicle collision path. Driver should take action immediately. Active from 0.6 mph to 43 mph.



mobileye



Rosco Vision
www.roscovision.com
www.rosco-dcams.com
www.rosco-adas.com
1-800-227-2095

CAT NO DCAMS05092025

Let's Talk Safety



Scan to see the DCAMS
system in action.

