

VIDEO MIRROR SYSTEM

ADVANCED DRIVER ASSISTANCE



FEATURES

- High-resolution and High-dynamic-range Cameras Deliver Exceptional Visibility in All Weather Conditions
- Eliminates Lateral Blind Spots, and Reduces Glare
- Automatic Brightness Adjustment and Flexible Mounting
- Low-profile, Fuel-efficient Design

INCREASE SAFETY

The use of a camera monitoring system provides multiple benefits over standard vehicle mirrors. A reduction of glare, elimination of lateral blind spots, vibration, and distortion, along with weather-proofing, increases the safety of daily operations. Optional guidance markers help operators visualize various set distances beside and behind their vehicles, reducing the stress and danger of lane changes or other instances of close-quarters driving.

REDUCE COSTS

The safety benefits of a camera monitoring system is significant with users reporting both a decrease in accidents and maintenance costs over traditional mirror systems. Additional usage results show fuel costs can be reduced by as much as 5%.

TECHNICAL DATA

Order Information	
Kit Order Number North America	#057-00770-990 (Includes 2 Monitors, 2 Cameras and All Cables)
Electrical properties	
Power Supply	12 & 24 VDC
Power Consumption	40 W Maximum Per Monitor on Maximum Brightness, 19 W on Sleep Mode, .2 W on Deep Sleep Mode
Reverse Polarity Protection	✓
Load Dump Protection	✓
Spike and Surge Protection	✓ (< 8 V, > 50 V)
Interfaces	
User Interface	Slider for Brightness Control, Optional Maneuver Assistance Lines
CAN	✓
Camera-to-monitor Connection	APIX Cable
Mechanical Properties	
Weight	Camera Module: 600 g, 1.3 lbs, Monitor: 1800 g, 4 lbs
Finishing	Camera Module: Anti-reflective, Hydrophobic Coating, Monitor: Anti-reflective, Anti-smear Treatment
Front Glass	Tempered Glass
Mounting	Flexible Pillar Mounting Options
Environment	
Operating Temperature	-40°C to 85°C, -40°F to 185°F
Ingress Protection	Front Side: IP66, Back Side: IP67
Heating	Internal
Standards and Approvals	
ISO 26262	✓
ISO 16505	✓
R46	✓
R10	✓
R118	✓
UTAC (France)	✓
FMCA Exception (US)	✓
UTAC (France)	✓
TÜV (Germany)	✓
VCA (England)	✓
DTC (Switzerland)	✓
VINCOTTE (Belgium)	✓
IDIADA (Spain)	✓

TECHNICAL DATA

Vehicle Classifications	
Available Classes	2, 4, 5, 6 (Option to customize which class is shown on each screen)
Display	
Size	312.4 mm, 12.3"
Active Display Area	292 mm x 109.5 mm, 11.5" x 4.3" (H x W)
Resolution	1920 pixels x 720 pixels
Brightness Control	Controller for Both Sides via Internal CAN
Video Latency	< 200 ms
Image	
Image Sensor	1.2 MP HDR
Frame Rate	Maximum 30 fps
Dynamic Range	High Dynamic Range (HDR)
Night Illumination	Low-light Management
Image Settings	Auto-white Balance, Color Correction, Auto-exposure, Edge Enhancement

Product enhancements are frequent, please contact your local representative for current model specs.

Features and specifications are subject to change without notice.
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