

E760 Camera

Advanced Low Light Camera for Vehicle and Hostile Environment Applications



Main Advantages & Features

- True passive Dusk till Dawn capability
- Wide 60° horizontal FOV
- High quality GigE Vision Ethernet video output
- Automatic white balance
- Rugged and compact
- Highly resistant to shock and vibration
- Environmentally sealed (IP67)
- Input power filter
- Versatile mounting arrangement
- Ideal for new or retrofit vehicle or similar extreme applications

The E760 Camera has been designed to address the need for an extremely rugged and versatile method of remote viewing for vehicles used in extreme environments.

Optimised for passive (no external illumination) short range viewing over any daylight condition (Dusk till Dawn) the E760 Camera provides a crystal clear output from a sensitive (<20mLux) black and white, low light, auto iris camera module.

E760 Cameras are compact, rugged and tolerant of shock and vibration. The waterproof enclosure features multiple mounting points making it ideally suitable for both new and retrofit installations. Built in filtering allows for reliable connection to a vehicle power supply.

E760 Camera

Advanced Low Light Camera for Vehicle and Hostile Environment Applications

Outline Specification

Configuration	Wide FOV remote viewing
Overall size (approx)	187mm L x 70mm W x 70mm H
Weight (approx)	1.3kg
Standard colour	Black (non reflective)
Construction	Robust aluminium enclosure
Sensor	
-Colour/BW	Black and White (Colour option)
-Detector format	1392 x 1040 (active pixels) Normally windowed to 1024 x 768
-Field of view	60° horizontal
-Spectral response	400nm-700nm
-Dynamic range	63dB
-Video format	GigE Vision over Ethernet
-Sensitivity	<20mLux (B/W)
Auto-iris lens	Precision iris control, f/1.4 lens
Operating temperature	-46°C to 71°C
Storage temperature	-46°C to 71°C
Environmental	IP67
Operating voltage	16 to 40Vdc
Power consumption	<9W
Communications	RS232/Ethernet



Applications

- Vehicle applications
- Border surveillance
- Customs and Police applications
- Maritime applications
- Hostile environment monitoring

Options

- Enclosure colour
- Static overlay for direction of view indicator
- Colour video sensor
- Field of view matched to installation
- Alternative video formats available on request



Instro Precision Limited

Tel : + 44 (0) 1843 604455 Fax : + 44 (0) 1843 864143
Email : marketing@instro.com Web : www.instro.com