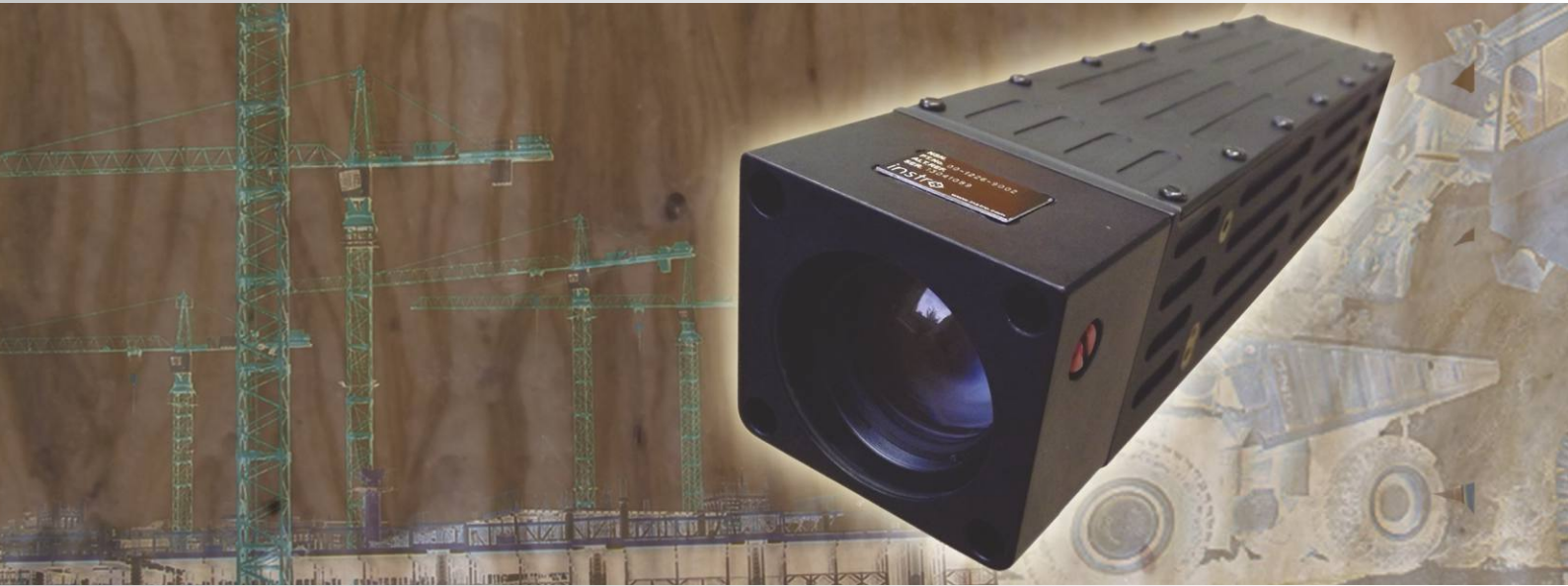


E704 Camera

Advanced Narrow FOV Camera for Hostile Industrial and Long Range Surveillance Applications



Main Advantages & Features

- Narrow 5.5° field of view
- High resolution (1600 x 1200)
- Electronic reticle
- Live video indicator
- Customer defined reticle (option)
- Exceptional bore sight retention
- High quality GigE Vision Ethernet video output
- 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 E704 Camera has been designed for use in hostile environments and in vehicle applications requiring high resolution colour digital video for remote viewing and alignment.

Optimised for medium range high detail observation, the E704 Camera features a single narrow (5.5°) field of view and high resolution (1600 x 1200). This coupled with exceptional bore sight retention and crystal clear GigE Vision colour video over Ethernet make it ideally suited for the intended purpose.

E704 Cameras are compact, rugged and tolerant to 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.

E704 Camera

Advanced Narrow FOV Camera for Hostile Industrial and Long Range Surveillance Applications

Outline Specification

Configuration	Narrow FOV remote viewing and alignment
Overall size (approx)	294mm L x 70mm W x 70mm H
Weight (approx)	1.8kg
Standard colour	Black (non reflective)
Construction	Robust aluminium enclosure
Sensor	
-Colour/BW	Colour
-Detector format	1600 x 1200 format (1.92MP)
-Field of view	5.5° horizontal
-Spectral response	400nm-700nm
-Video format	GigE Vision over Ethernet
-Sensitivity	<2Lux
-Lens	f/2.8
Reticle	
-Factory default	Cross
-Factory option	Customer defined bitmap
Operating temperature	-46°C to 71°C
Storage temperature	-46°C to 71°C
Environmental	IP67
Operating voltage	16 to 40 Vdc
Power consumption	<15W

Applications

- Vehicle applications
- Remote precision alignment applications
- Border surveillance
- Customs and Police applications
- Maritime applications
- Long distance hostile environment monitoring
- Alignment sights

Options

- Customer defined FOV
- Customer defined reticle pattern
- Quick release, repeatable mechanical interface
- Enclosure colour



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