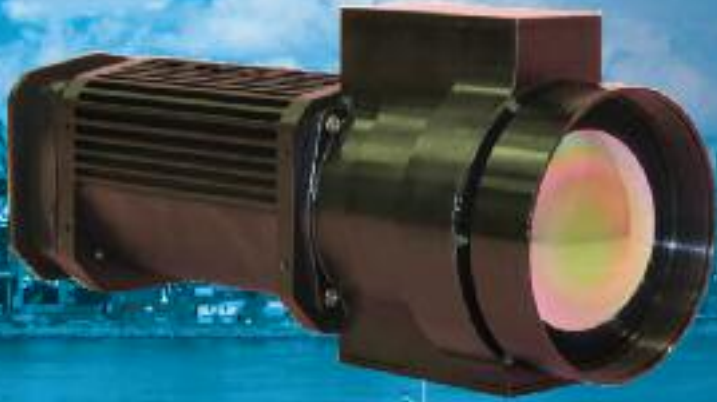


TR3600S Series Long-Wave Uncooled Thermal Imager



The TR3600S series long-wave uncooled thermal cameras is an effective surveillance solution, delivered in a compact package.

The camera is equipped with a high resolution 640x480 focal plane array (FPA). It can be offered with single, dual FOV and continuous zoom lenses.

The TR3600S series cameras are perfect for security and public safety applications.



Key Features

- Based on advanced VOx technology
- High performance thermal imaging
- Analog video output NTSC or PAL
- Communication control via RS-232
- Easy mounting scheme allows quick deployment
- Dynamic one point NUC
- 2X electronic zoom

Applications

This unique combination of night vision power is Cantronic's solution to the increase need for security and homeland protection at a board range of facilities and infrastructure such as:

- Bridges; Airports; Seaports; Subways
- Military Facilities
- Perimeter Security
- Nuclear Power Plants
- Government Facilities
- Industrial Applications

Performance Options

- Auto Focus and FOV Control for Multi FOV Camera
- Nitrogen-Purged & Pressurized Enclosure
- Pan-Tilt Drive

TR3600S Series Long-Wave Uncooled Thermal Imager

Specifications

Model	TR3600S-100	TR3600S-150	TR3600S-210	TR3600S-C150	TR3600S-C225
Lens Focal Length	100mm	150mm	210mm	25-150mm	25-225mm
Field of View (HxV)	6.2°x4.7°	4.2°x3.1°	3°x2.2°	24.9°x18.7° to 4.2°x3.1°	24.9°x18.7° / 2.8°x2.1°
Focus Method	Motorized	Motorized	Motorized	Continuous Zoom	Continuous Zoom
Detector Type	640 x 480 VOx Microbolometer				
Spectral Range	8 - 14 μ m				
Pitch	17 μ m				
NETD	< 50mK @F/1, 30Hz				
Analog Video Output	NTSC or PAL				
Optics	Auto Focus (Optional)				
System Control	RS232				
Electronic Zoom	2X / 4X				
Frame Rate	30Hz NTSC or 25Hz PAL				
Operating Temperature	-32° to +55°				
Storage Temperature	-40° to +70°				
Dimensions (Lx W x H)	370 x 222 x 232mm (Only For C150mm Optic Lens)				
Body Weight	<2KG (without lens)				
Power Supply	12VDC				
Power Consumption	<6W				
Environmental	IP66 Pressurized Enclosure (Optional)				

How to Order

TR3600S-100 N

Enclosure

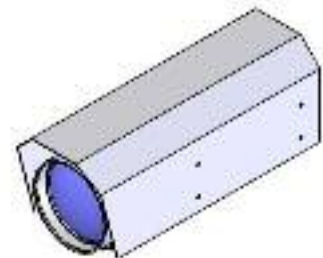
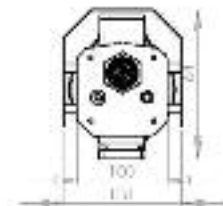
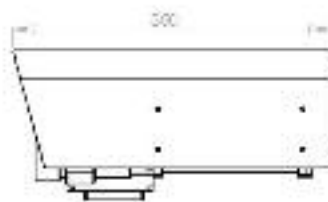
TR3600S: Standard
TR3620S: Outdoor
TR3650S: Pressurized

Lens

100: 100mm Motorized Lens
150: 150mm Motorized Lens
210: 210mm Motorized Lens
C150: 25 -150mm Zoom Lens
C225: 25 -225mm Zoom Lens

Video Output

N: NTSC
P: PAL



Drawing Shown for Reference only

Cantronic Systems Inc.

63A Clipper Street
Coquitlam, BC V3K 6X2, Canada
Tel: 1.604.516.6667
Toll Free: 1.866.391.6970
Fax: 1.604.516.6618
Email: sales@cantronics.com
Website: www.cantronics.com