

Overview

The **TR3620 Series** long-wave uncooled thermal Camera 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 TR3600 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

Performance Options

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

Product Image

TR3620 Long-wave Uncooled Thermal Imager



Picture shown in Motorized lens

Applications

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

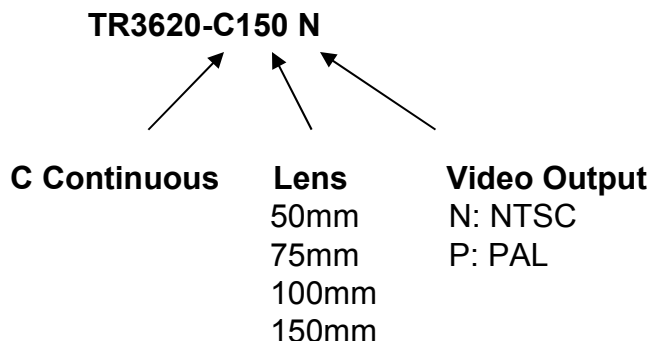
- Bridges; Airports; Seaports; Subways
- Military Facilities
- Perimeter Security
- Industrial Applications
- Governmental Facilities



Specifications

Model	TR3620-50	TR3620-75	TR3620-100	TR3620-150	TR3620-C150
Lens Focal Length	50mm	75mm	100mm	150mm	30-150mm
Field of View (HxV)	12.5° x 9.4°	8.3° x 6.2°	6.2° x 4.7°	4.2° x 3.1°	20.8° x 15.6° to 4.2° x 3.1°
Focus Method	Motorized	Motorized	Motorized	Motorized	Continuous Zoom
Detector Type	640 (H) x 480 (V) Vox Microbolometer				
Spectral Range	8µm to 14µm				
Pitch	17 µm				
NETD	<50mK@F/1, 30Hz				
Analog Video Output	NTSC or PAL				
Digital Video	Camera Link (optional)				
Optics	Auto Focus (Optional)				
System Control	RS232 / RS422 / R485 / Pelco Camera Control				
Electronic Zoom	2X / 4X				
Frame Rate	30 Hz (NTSC) or 25Hz (PAL)				
Operating Temperature	-32° to +55°				
Storage Temperature	-40° to +70°				
Dimensions (LxWxH)	Depending on lens size				
Body Weight	< 2 Kg (without lens)				
Power Supply	12 VDC				
Power Consumption	<6W				
Environmental	IP66 Pressurized Enclosure (Optional)				

How to Order



Cantronic Systems (Canada) Inc.

226-17 Fawcett Road
Coquitlam, BC V3K 6V2, 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