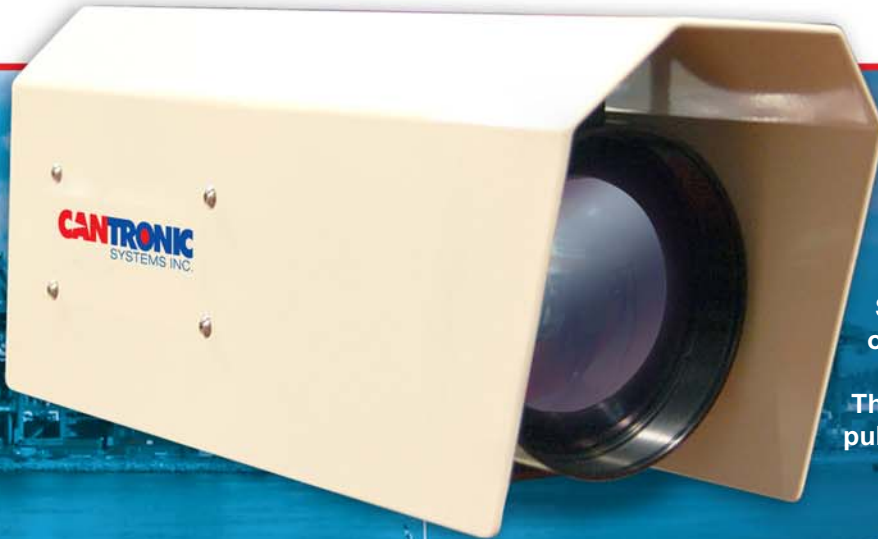


TR3000S

Your Surveillance Solution



The TR3000S is in a pressurized enclosure is an effective surveillance solution, delivered in a compact package.

The camera is offered in two configurations: Single field of view, 100 mm motorized lens, or Dual field of view, 60/180 mm motorized lens.

The TR3000S is perfect for security and public safety applications.

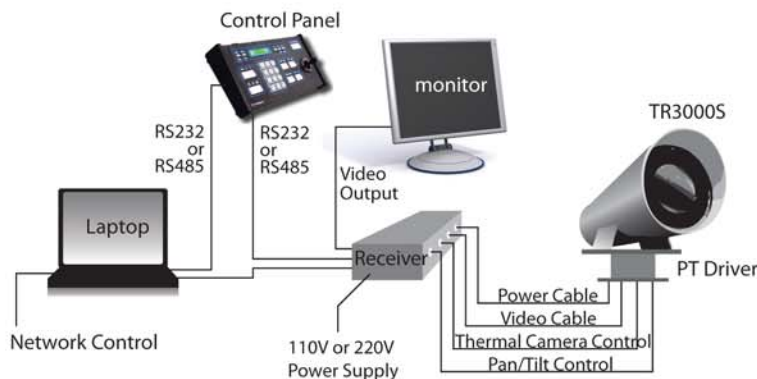


Processing Features

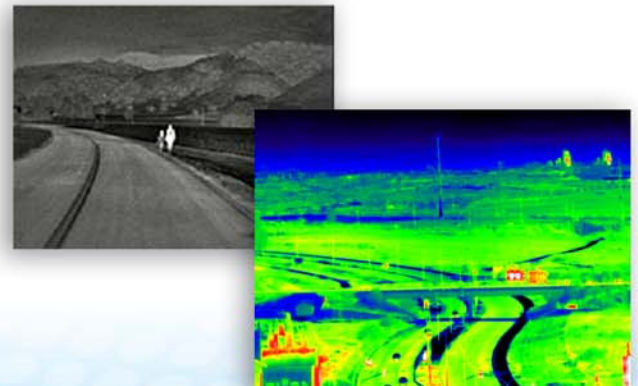
- Auto Focus + FOV control for multi FOV camera
- Dynamic One point NUC (adaptive time interval)
- Gamma correction
- E-Zoom x2

Key Features

- Based on advanced VOx technology
- High performance thermal imaging
- Camera is nitrogen-purged & pressurized
- Detect man-sized threats at 2 km(100 mm lens)
- Analog Video output – NTSC and PAL
- Digital video output - Ethernet
- Communication link via RS-232/RS-422 or Ethernet
- Easy mounting scheme allows for quick deployment



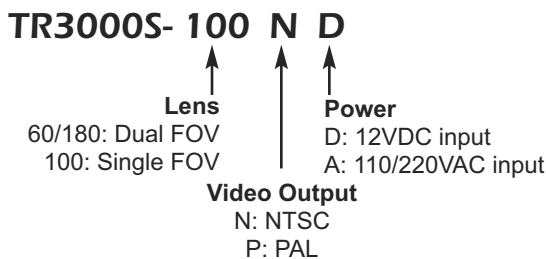
Typical wiring diagram with optional Pan-Tilt driver



Specifications

Focal plane Array	VOx microbolometer		
Spectral range	8 – 14 μm		
Number of pixels	384 x 288		
Pitch	25 μm		
Optics (Motorized)	Dual FOV		Single FOV
	Focal length	60 mm 180 mm	100 mm
	Horizontal FOV	13.9° 4.6°	8.4°
	Vertical FOV	10.5° 3.5°	5.2°
	F Number	f/1.4	f/1
NETD	< 50 mK @ f/1, 30Hz		
Analog Video Output	NTSC or PAL		
Digital Video Output	Ethernet		
System Control	RS232/ RS422 or Ethernet		
Operating Temperature	- 20°C to +55°C		
Storage Temperature	- 40°C to +70°C		
Dimensions Without Optical Lens	120 (L) x 95 (W) x 95 (H) mm		
Weight Without Lens	< 1.2 Kg		
Power Supply	12 V DC		
Power Consumption	< 6 W		
Environmental Qualification	MIL-STDp 810E		

How to Order



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