

## TR3000S

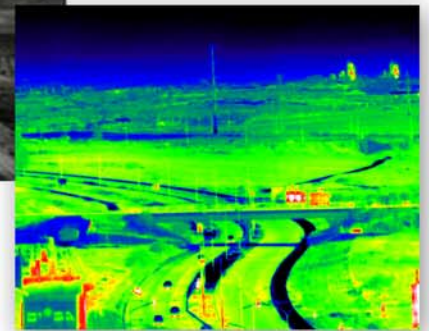
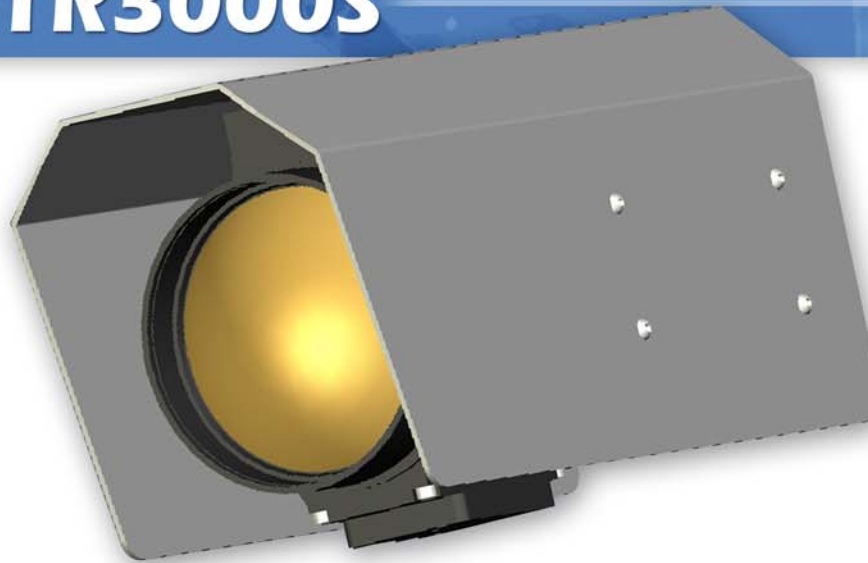
### The TR3000S IR Camera: Long-Wave Uncooled Thermal Imager— Your Surveillance Solution

#### Description

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.



#### Key Features

- Based on advanced VOx technology
- High performance thermal imaging
- Camera is nitrogen-purged & pressurized
- Detect man-sized threats at 2 km with 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

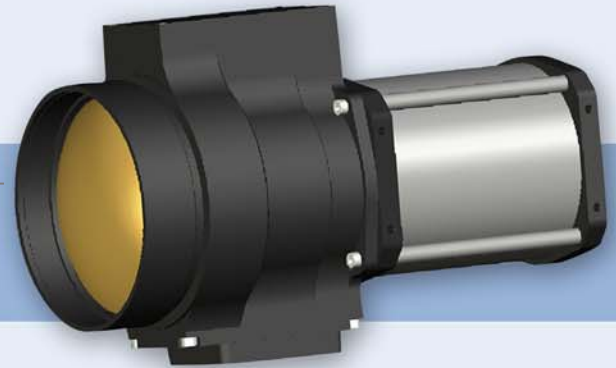
#### Processing Features

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

**Specifications**

**Focal plane Array** VOx microbolometer  
**Spectral range** 8 – 14  $\mu$ m  
**Number of pixels** 384 x 288  
**Pitch** 25  $\mu$ m  
**Optics (Motorized)**

	Dual FOV		Single FOV
<b>Focal length</b>	60 mm	180 mm	100 mm
<b>Horizontal FOV</b>	13.9°	4.6°	8.4°
<b>Vertical FOV</b>	10.5°	3.5°	5.2°
<b>F Number</b>	f/1.4		f/1



**NETD** < 50 mK @ f/1, 30Hz  
**Analog Video Output** Standard 30 Hz RS170 (NTSC),  
 25Hz (CCIR) 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-STD 810E



**Toll Free: 1.866.391.6970**