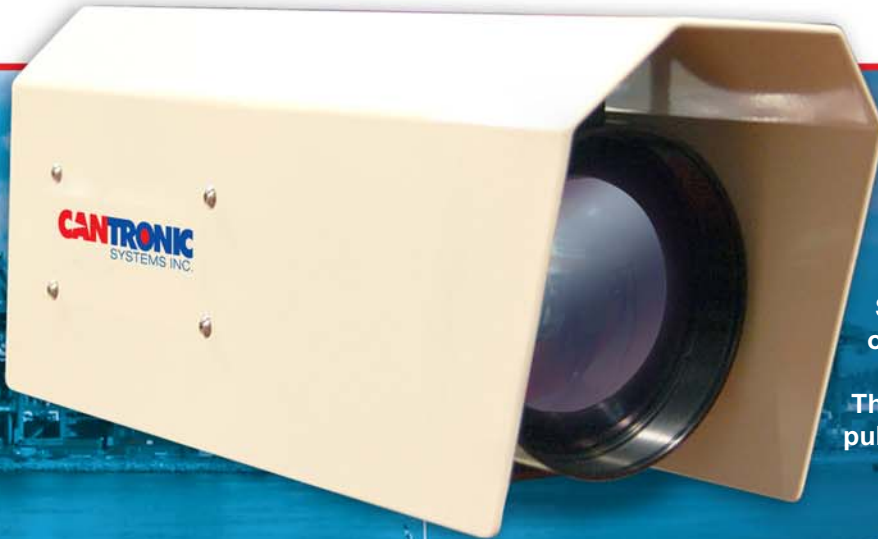


TR3000S

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.

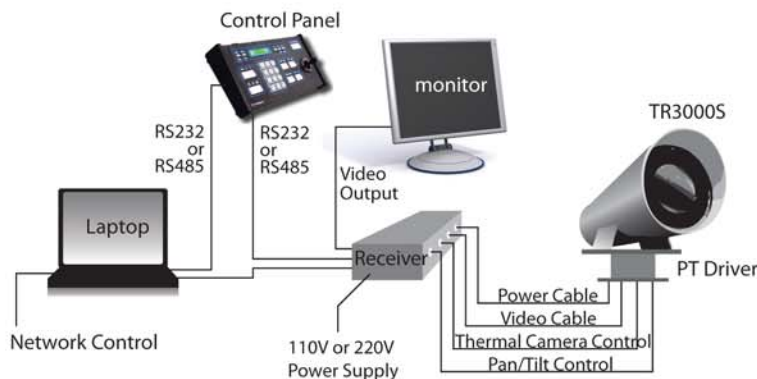


Processing Features

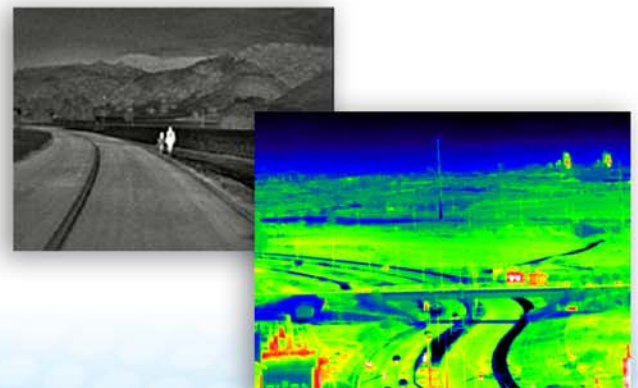
- Auto Focus + FOV control for multi FOV camera
- Dynamic One point NUC (adaptive time interval)
- Gamma correction
- E-Zoom x2

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



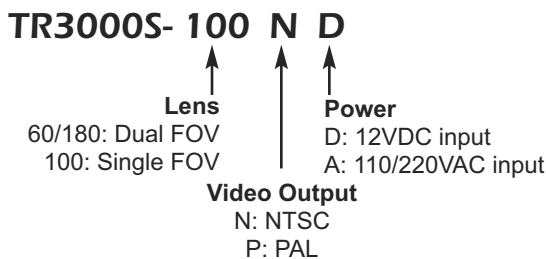
Typical wiring diagram with optional Pan-Tilt driver



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



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
sales@cantronics.com
www.cantronics.com

QWIP Technologies Inc. - US subsidiary

499 Nibus Street, Brea, California 92821
Tel: 714.529.7947 • Fax: 714.529.7946
sales@qwip.com • www.qwip.com