

Rugged Dual-Sensor Camera System

Compact Machined Aluminum Housing
Color/NIR/Thermal Vision system
Computer Controlled RS232/422
26x CCTV Optical Zoom 12X Digital Zoom
Low Power 11-30VDC
Automatic Thermal Blanket Heaters

Dual Head Camera System combines CCTV and Thermal Camera Technology for maximum scene awareness for day or night surveillance. Capable of detecting a man-size target out to 4 miles (13,400 meters) with its day optics package and IR detection of human activity out to 1900 feet (580 meters) making this the ideal solution for critical surveillance. This solution fits well in security applications allowing the two bore-sighted optical packages to do the job of detecting and identifying targets at range.

Pan & Tilt System Configuration:

- Pan Angle Range.....540°
- Tilt Angle Range.....190°
- Pan Speed.....0.5° to 180 %/s
- Tilt Speed.....0.3° to 45 %/s
- Pan/Tilt Encoder Resolution.....0.5°
- Weight.....<10lbs.
- Housing Material.....Aluminum
- Power.....+9-30VDC
- Temperature.....-32°C to +55°C
- Mounting.....QuickConnect™
- Leveling.....Mount Adjustment
- Connector types.....Mil-C-32
- Mil-spec.....Mil-Std-810E
- IP rating....IP66

CCTV Camera:

- Optical Zoom.....26X
- Digital Zoom.....12X
- Imaging Modes.....Color/Near Infrared
- TV Lines (NTSC/PAL).....470/460
- PEL Ct..NTSC/PAL) 680,000/800,000
- Dynamic Range.....49db
- Light Sensitivity.... 0.02 Lux NIR Mode
- Auto Focus.....Yes
- Image Stabilization.....Yes
- Rich Exposure Color.....Yes

IR Camera:

- Sensor Type.....320x240
VOx microbolometer
- Field of View....23°x7° or 14°x10° (HxV)
- Spectral Band.....7.5-13.5 μm
- Automatic Features.....Contrast, Bright
- Storage Temp.....-50°C to +65°C
- Video.....RS170A

