

# Rugged Outdoor Multi-Imaging IP Camera

## PTZ-3530-01

- Dual thermal and optical imaging for specialized monitoring
- High-resolution thermal camera
- 36x optical zoom
- Remote pan/tilt/zoom controls



### Dual imagers provide precise object recognition in sunlight or darkness

The PTZ-3530-01 dual optics thermal IP network camera is a full-spectrum camera solution designed by Industrial Video & Control. It includes a thermal imager for viewing in poor lighting conditions, and a color day/night switching camera that can be used for precise object recognition, identification, or assessment. The high contrast imager will allow the user to readily identify objects in both direct sunlight and absolute darkness.

In addition, the PTZ-3530-01 includes a 36x motor-driven optical

zoom lens. When connected to an IP network, the pan, tilt, and zoom functions can be controlled automatically and precisely from anywhere using IVC's camera management software.

Mounted on a robust Pan/Tilt unit, the PTZ-3530-01 camera is capable of precise positioning and rapid movement over a 360° arc of view. A separate control box is included that provides power, signal, and controls to the cameras and pan tilt unit.

## ► specifications

### OPTICAL CAMERA

|                      |  |
|----------------------|--|
| Imager               | 1/4" Sony ExView CCD   |
| Shutter              | 1 to 1/10,000 seconds  |
| Minimum Illumination | 0.7 Lux (Color); 0.01 Lux (B/W)  |
| Image Features       | Auto Exposure; Auto White Balance; Auto Iris; Auto and Manual Focus; Auto and Manual Image Stabilization |
| View Angle           | 1.7° - 57.8°   |
| Focal Length         | 3.4 – 122.4 mm, F-1.6 to F-4.5   |
| Resolution           | 704 x 480  |

### THERMAL CAMERA

|                   |                          |
|-------------------|--------------------------|
| Focal Plane Array | 640 x 480 microbolometer |
| Spectral Range    | 8-14 $\mu$ m LWIR        |
| Pitch             | 17 $\mu$ m               |
| Focal Length      | See lens options         |
| Field of View     | See lens options         |
| Resolution        | 640 x 480                |
| NETD              | <50 mK                   |

### GENERAL

|                       |                              |
|-----------------------|------------------------------|
| Pan Angle             | 360°                         |
| Pan Speed             | 40° Per Second               |
| Tilt Angle            | -80° to 33°                  |
| Tilt Speed            | 20° Per Second               |
| Network               | 10/100 Mbps Ethernet (RJ-45) |
| Protocols             | TCP/IP, HTTP, FTP, SMTP      |
| Voltage Required      | 12 VDC                       |
| Operating Temperature | -29° - 50°C                  |
| Dimensions            | 9" W x 18" H x 12.5" L       |
| Mount                 | Pedestal                     |
| Rating                | IP66                         |

## ► IVC camera management software

### Point & click camera management & control

Robust, enterprise class software to manage and control your cameras and video from anywhere in the world.



## ► features



**Thermal imager** provides reliable surveillance in complete darkness, over water, fog, snow and rain



**Day/night switching optical camera** allows for optical images in low light conditions



**Rated IP66** for all weather applications



**36x optical zoom** for long-range viewing

## ► ordering information

PTZ-3530-01-C-L-Fn-V

|     |                         |                       |
|-----|-------------------------|-----------------------|
| -V  | <b>Voltage Required</b> |                       |
|     | 12                      | 12 VDC                |
|     | 110                     | 110 VAC               |
| -Fn | <b>Connection Type</b>  |                       |
|     | 1                       | 10/100 RJ-45          |
| -L  | <b>Thermal Lens</b>     |                       |
|     | 7                       | 7.5 mm    90° HFOV    |
|     | 9                       | 9 mm    70° HFOV      |
|     | 12                      | 12.8 mm    49.8° HFOV |
|     | 14                      | 14.25 mm    44° HFOV  |
|     | 16                      | 16.7 mm    37.5° HFOV |
|     | 25                      | 25 mm    24.8° HFOV   |
|     | 35                      | 35 mm    17.6° HFOV   |
|     | 50                      | 50 mm    12.4° HFOV   |
| 65  | 65 mm    9.6° HFOV      |                       |
| -C  | <b>Optical Zoom</b>     |                       |
|     | 36                      | 36x Zoom              |



MADE IN THE  
**USA**

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