The PTZ-3539-1 is a high quality, dual imaging video camera. The unit includes an HD imager with 30x motor-driven optical zoom and a thermal imager with 640 x 480 resolution. Both cameras are mounted on a rugged pan-tilt unit.

The high performance optical camera automatically switches to black and white and removes an IR cut filter to increase sensitivity in low light conditions. The uncooled microbolometer thermal camera provides clear images, day or night, and challenging environmental conditions such as smoke, dust, haze, and fog.

The cameras are housed in a 316L stainless-steel enclosure rated IP67, making it suitable for use in harsh conditions. The PTZ-3539-1 is IP ready and only requires power and a network connection.
Specifications

OPTICAL CAMERA

Imager
1/2.8" Sony CMOS

Resolution
1920 x 1080

Shutter
1 to 1/10,000 seconds

Minimum Illumination
Color: 0.05 Lux
B/W: 0.02 Lux

White Balance
Auto and Manual

Iris
Auto and Manual

Focus
Auto and Manual

View Angle
2.34° - 59.8°

Focal Length
4.5 - 144mm

F-number
1.6 - 4.8

Zoom ratio
30x Optical

THERMAL CAMERA

Focal Plane Array
640 x 480 microbolometer

Spectral Range
8-14 μm LWIR

Focal Length
See lens options

Field of View
See lens options

Resolution
640 x 480

NETD
< 50 mK

GENERAL

Ethernet
100BASE-T (RJ-45)

Protocols
IPv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP/RTSP, FTP, UPnP, DDNS, NTP, IGMP, ICMP

Pan Angle
360°

Pan Speed
40° per second

Tilt Angle
-90° to 90° (180° view range)

Tilt Speed
40° per second

Weight
48.5 lbs.

Voltage Required
90 - 240 VAC

Current
≤ 500mA

Operating Temperature
-25° to 50° C

Dimensions
15.3” H x 13.4” W x 9.2” D

Mount
Pedestal

Rating
IP67, NEMA TYPE 4

features

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

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

Rated IP67 for use in all weather conditions

ordering information

PTZ-3539-1-CLVP

<table>
<thead>
<tr>
<th>P</th>
<th>Purge Unit</th>
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<tbody>
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<td>V</td>
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<thead>
<tr>
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<tr>
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<th>Optical Camera</th>
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<tr>
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<td>30x HD camera</td>
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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.