

HD/Thermal Pan/Tilt/Zoom Camera

PTZ-3539-1

- Rugged dual-imaging PTZ camera
- High-definition 1080p imager
- 17 μm uncooled thermal imaging module
- 316L stainless steel enclosure
- Designed for harsh environments



Rugged, dual head video camera with HD optical and high-resolution thermal imagers

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.

PTZ-3539-1

specifications

OPTICAL CAMERA

Imager	1/2.8" Sony CMOS
Resolution	1920 x 1080
Shutter	1 to 1/10,000 seconds
Minimum Illumination	Color: 0.05Lux 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

P	Purge Unit	
	No purge unit included	
PG	Purge unit included	
V	Required Voltage	
AC	90 - 240 VAC	
L	Thermal Camera Lens	
12	12.8 mm	49.8° HFOV
16	16.7 mm	37.5° HFOV
35	35 mm	17.6° HFOV
50	50 mm	12.4° HFOV
-C	Optical Camera	
30	30x HD camera	

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