

PTZ Internal & External IP Dome Cameras

High-end professional PTZ IP Dome cameras with image quality that is as good as or better than analog fixed domes

IndigoVision's range of PTZ IP dome cameras are designed to be used with the company's complete end-to-end IP Video solution and have class-leading MPEG-4 compression technology built-in. The PTZ cameras are fully compatible with IndigoVision's Control Center Video and Alarm Management software and its range of Network Video Recorders (NVRs).

The cameras are available in two versions; internal and external, with options for wall mounting, ceiling mounting and flush mounting on false ceilings. A high quality Sony EXview HAD CCD Sensor, robust pan, tilt and zoom mechanisms and class-leading compression technology guarantee excellent performance.

400,000 position stepper motors with a pan movement bearing mechanism and direct control of the tilt movement make the dome's operation quiet as well as giving it a highly accurate return to preset positions. The picture freeze feature allows the on-screen visible image to be frozen while the dome moves to preset positions, providing very efficient NVR recording and transmission.

IndigoVision's IP Video solution allows advanced features such as Activity Controlled Framerate (ACF) and camera-based real-time analytics to be deployed in the dome itself. These features reduce the bandwidth and NVR storage requirements during periods of scene inactivity and allow the user to deploy advanced analytics to identify events as they occur in real-time.



- Options include internal or external, 18x or 36x zoom, day/night
- Class-leading MPEG-4 compression
- Excellent image quality from Sony EXview HAD CCD Sensor
- Robust, quiet and accurate PTZ mechanisms
- Up to 25/30fps guaranteed

PTZ Internal
Wall Mounted
IP Dome Camera



PTZ Internal
False Ceiling Mounted
IP Dome Camera



PTZ External Wall Mounted
IP Dome Camera

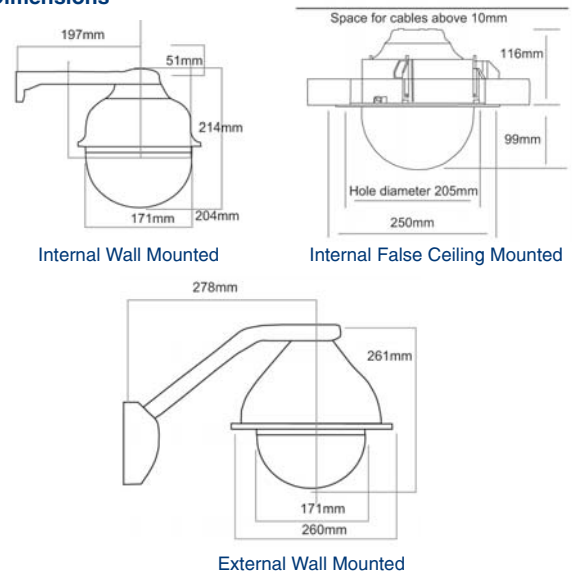


Specification

Features		Features	
Zoom - optical + digital	Order Options: 36x+12x or 18x+12x	Focus / iris	Auto / manual
Zoom - total	432x or 216x	Presets	360
Day/Night	36x zoom Internal and External models 18x zoom External model only	Dynamic privacy zones	Up to 32 with 8 present on screen simultaneously
Sensor	1/4" ExView HAD	Tours	4 (max 128 presets per tour)
Sensor resolution	490 TVL Color, 540 TVL Mono	Learned patrols	4 mimic tours - up to 30 mins duration each
Pixels	752(H) x 582(V)	Remote reset	Via OSD, IP network
Horizontal view angle	1.7° - 57.8° (36x) or 2.8° - 48° (18x)	Preset status information	Yes
Lens size (mm)	3.4 - 122.4 (36x) or 4.1 - 73.8 (18x)	Variable tilt speed	0.1 - 200°/sec, absolute positioning
Min sensitivity - color	1.4 Lux (36x) or 0.7 Lux (18x)	Variable pan speed/coverage	0.1 - 400°/sec, 360° continuous rotation, absolute positioning
Min sensitivity - color int	0.02 Lux (36x) or 0.01 Lux (18x)	Tilt coverage	+/- 90°
Min sensitivity - mono int	0.02 Lux (36x) or 0.01 Lux (18x)	eAuto homing	Goes to preset, tour or mimic tour after prescribed time (menu)
Signal/noise ratio	>50 dB	Col/mon changeover	3 levels - menu setup (outdoor only)
Picture freeze	Yes	Operating temperature	Internal Dome 0 to 50°C External Dome -20 to 50°C
Power	24V AC/DC 36VA fuse dome, 1.5A fuse	Mounting options	Wall, swan neck and false ceiling.
Video	1Vp-p, 75ohm (PAL or NTSC depending on model) Note: Video output is for debug/installation only	Network Connections	IEEE 802.3 and IETF standards: 10/100 Base-T Ethernet, TCP, UDP, ICMP & IGMP; Physical connection via RJ-45
Video Compression	Full frame rate, full color: MPEG-4 (ISO 14496-2): 25/30fps guaranteed	Console Input/Output	• EIA-574 RS232 only • Maximum Baud Rate 115.2 Kbps • Console Settings 115200, 8bits, 1 Stop Bit, No Parity
Time	Embedded real-time clock; NTP client	Multi-streaming	SIF:3 streams; 2SIF:2 streams; 4SIF:1 stream
Resolution	SIF: 352 x 288 pixels (PAL); 352 x 240 pixels (NTSC) 2SIF: 704 x 288 pixels (PAL); 704 x 240 pixels (NTSC) 4SIF: 704 x 576 pixels (PAL); 704 x 480 pixels (NTSC)		

Weight (not including packaging)	The following unit weights include PSU, Acrylic and Codec. <ul style="list-style-type: none"> • PTZ Internal Wall Mount IP Dome Camera: 2.15 Kg • PTZ External Wall Mount IP Dome Camera Kit: 4.50 Kg • PTZ Internal Pendant Mount IP Dome Camera: 1.98 Kg • PTZ External Swan Neck IP Dome Camera Kit: 4.45 Kg • PTZ Internal False Ceiling Mount IP Dome Camera: 2.15 Kg
Power	<ul style="list-style-type: none"> • Dome supply 24vac or 24vdc. Typical 500mA. Maximum 600mA • Current consumption for heater (fitted to PTZ External IP Dome Cameras): <ul style="list-style-type: none"> - Inrush current: Typical 1A, Maximum 2A (using 24vac or 24vdc) - Normal operation: Less than 0.4A
Environment	Operating temperature: <ul style="list-style-type: none"> • PTZ Internal IP Dome Camera : 0°C (32°F) to + 50°C (122°F) (158°F) • PTZ External IP Dome Camera: -20°C (-4°F) to + 50°C (122°F) • PTZ External IP Dome Camera housing is IP65 rated • PTZ External IP Dome Camera storage temp -20°C (-4°F) to + 70°C
Regulatory	<ul style="list-style-type: none"> • EN 55022(1994) ITE emission standard Class A • EN 61000-3-2(1995) mains harmonics Class A • EN 61000-3-3(1995) voltage fluctuation • EN 55024(1998) ITE immunity standard • CFR47(1995) Part 15 subpart B • Class A (US federal code of regs)

Dimensions



ID:IV-PTZ 08.1