

## High Speed in-Ceiling and Indoor IP PTZ Dome Cameras with multi-protocol capabilities



### FEATURES

- Sony & Hitachi cameras
- Advanced 1/4" DSP CCD camera
- ~480 lines of resolution
- 18X12, 22X12, 23X12, 26X12, 35X12 and 36 X12 zoom available
- Image Stabilization on 35X model
- Built-in video over IP server, no additional equipment required
- MPEG-4 video compression for optimum picture quality and transmission speed
- View and control cameras from anywhere using a standard web browser
- Up to 128 presets with 16 characters each
- Auto Iris (AI), Auto Focus (AF), Back Light Compensation (BLC)
- Wide dynamic range on the 35X and 36X models
- Proportional high-speed pan/tilt and automatic flip
- Password protection
- Up to 24 advanced spherical privacy zones
- 16 video blanking sectors
- 4 programmable patterns
- Automatic home position
- Internal multi-protocol receiver/driver
- PTZ Data including RS-422 and RS-485
- 4 alarm inputs with programmable output
- Built-in surge and lightning protection
- Easy to install with quick and simple electrical connections
- Exceeds IP66 Specifications
- Offer network service QoS
- Vandal-resistant option available (polycarbonate)

### SPECIFICATIONS

#### General

Optical Zoom:	18X, 22X, 23X, 26X, 35X, 36X
Digital Zoom:	12X (all versions)
Image Stabilization	35X zoom

#### Programmable Presets

RS-422/485:	Up to 128
RJ-45 Connectors:	1
Programmable Patterns:	4
Programmable Areas:	16
Spherical Privacy Zones:	Up to 24
Video Blanking Sectors:	16
Image Mirror Function:	Yes

#### Auto Synchronization

Line-Locked:	Remote V-phase adjustment
Internal:	Built-in sync generator
Alarm Inputs:	4 Photo-couple contacts/ 7mA @12 VDC
Alarm Outputs:	1 Open-collector drivers @12 VDC, 50 mA

#### IP Specifications

Video Standards:	ISO/IEC 14496 (MPEG-4)
Data Rate:	8.6 kBit/s - 4 MB/s
Video Resolution:	704 x 576 (4CIF: 30 fps) 704 x 288 (2 CIF: 30 fps) 352 x 576 (Half D1: 25 resp. 30 fields/s) 352 x 288 (CIF: 25 resp. 30 fps) 176 x 144 (QCIF: 25 resp. 30 fps)

Overall Delay:	100 ms
Network Connection:	10/100M Base-T
Network Protocols:	ATP, Telnet, ODP, TCP, IP, HTTP, IGMP, ICMP, ARP, SNMP

#### Mechanical

Manual Pan/Tilt Speed:	0.5° ~ 90° per second (0.5° ~ 180° per second for 35X and 36X) (based on zoom position)
Preset Pan/Tilt Speed:	240° per second, maximum (200° per second, maximum for 35X and 36X)
Pan Travel:	360° continuous
Tilt Travel:	-3° ~ 90°
Pan/Tilt Accuracy:	±1° (±0.3° for 35X and 36X)
Zoom/Focus Accuracy:	±0.5%
Motor:	Stepping Motor
Product Weight:	6.19 lbs. (2.8 kg)
Product Dimension:	10.83" x Φ 8.58" (275mm x Φ 218mm)

#### Electrical

Input Voltage:	12 VDC, 24 VAC
Power Consumption:	12 VDC: 17 watts 24 VAC: 27 watts
Power On In-Rush Current:	12 VDC, 4 amps (maximum) 24 VAC, 2 amps (maximum)

#### Environment

Operating Temperature:	14°F ~ 104°F (-10°C ~ 40°C)
Fan & Heater:	Continuous fan; auto-start heater
Humidity:	0-90% RH (Non-condensing)

#### Compliance

ISO 9001:2000	FCC, CE
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Protocols Supported:	INFINOVA, PELCO-P/D, Up the Coax
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