

PTZ-2300S-IR

600TVL 23× Optical Zoom Outdoor, Full Sized PTZ Camera



When you require the most versatile and powerful PTZ solution, the PTZ-2300S-IR can handle every challenge. This camera features extremely powerful IR illumination up to 180' in the dead of night. With the camera's Sony Effio imager chipset, you get high-resolution video at a crisp 600TVL daytime/650TVL nighttime for high contrast and high clarity recording. The PTZ3660SIR supports a 23× optical zoom and 12× digital zoom, which allows you to pull out faces and detail at extreme distances. Additionally, the camera comes standard with digital wide dynamic range, back light compensation, and 3D Digital Noise Reduction. This PTZ can do it all; it will even auto-recognize standard protocols over RS-485 such as ICR-SD and Pelco-P/D without troublesome dipswitches or configuration. The camera enclosure is designed to take a beating with a IP66 impact rating, which can guarantee proper operation even under the most difficult operating conditions.

Features

- 1/4" EXview HAD CCD II
- 23× optical zoom and 12× Digital Zoom
- 600TVL Day/650TVL Night (IR Sensitive)
- IR Distance up to 180ft
- Digital Wide Dynamic Range Compensation (DWDR)
- DNR (2D & 3D), Auto-iris, Auto-focus, AWB, AGC, BLC
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- IP66 all-environments protection, 4000V of lightning protection
- Max 240°/s pan & tilt speed, 360° continuous pan rotation
- 24V AC, 3A

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Specifications

Model	PTZ-2300S-IR
Camera	
Image Sensor	1/4" SONY CCD
Effective Pixels	752(H)×582(V)
Lens	3.9mm (W) – 89.7mm (T); 23× Optical zoom; F1.6 ~ F2.7
Horizontal Resolution	600TVL (Color) / 650TVL (B/W)
Digital Zoom	12×
Angle of View	50.66° (W) ~ 2.46° (T)
Min. Object Distance	10mm(W) ~ 1000mm(T)
Min. Illumination	0.1Lux@F1.6 (Color); 0.1Lux@F1.6 (B/W); 0Lux (IR On)
Electronic Shutter Speed	1/4sec ~ 1/10,000sec
White Balance	Auto / ATW / Indoor / Outdoor / Manual
BLC	On / Off
WDR	On / Off
Day / Night	Auto (ICR) / Color / B/W
S/N Ratio	> 50dB
Privacy Masking	On / Off (Up to 24 privacy masking areas)
Analog Video Output	1.0V p-p 75Ω
Dome Drive	
Pan / Tilt Range	Pan: 0° ~ 360°endless, Tilt: -2° ~ 90°; auto flip180°
Manual Control Speed	Pan: 0.1°/s ~ 300°/s, Tilt: 0.1°/s ~ 120°/s
Preset Speed	Pan: 240°/s, Tilt: 200°/s
Preset Positions	255
PTZ Mode	5 Auto Scan, 8 Auto Tour, 5 Pattern
3D Positioning	Yes
Auto Speed Control	Human-oriented focal length/speed adaptation
Info Display	Time, Location, Dome title, Dome coordinates, Temperature, Alarm, etc.
Power-up Action	Auto-restore to previous PTZ and lens status after power failure
Idle Motion	Activate preset / scan / tour / pattern if there is no command in the specified period.
Time Task	Auto-activation of Preset / Scan / Tour / Pattern by preset-time
Protocol	ICR-SD, Pelco-P/D, Auto recognition of general protocols
IR LED	Auto / Near light / Far light / Off, 6 Near light & 8 Far light, up to 330'/100m
General	
Power Supply	24V AC, 3A (±10%)
Power Consumption	12W / 30W (IR LED On)
Working Environment	-40°F ~ 140°F/-40°C ~ 60°C; RH: < 90%
Protection Level	IP66, 4,000V lightning, surge, and wave protection
Dimensions	Φ9.06"×13.86"/Φ230mm×352mm
Weight	15.43lbs/7kg

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Accessories



[MNT-PCNRIP](#)



[MNT-POLIP](#)



[PWR-24VAC TRANSFORMER](#)