

PTZ-N23X4-S

650TVL 23× Optical Zoom Outdoor, Mid-Sized PTZ Camera



An affordable PTZ camera small enough for indoor installations but, weatherproof and rugged enough to be installed outdoors. The PTZ-N23X4-S has multiple mounting options.

This camera adopts a compact design, but includes a high-resolution 650TVL imaging sensor, in addition to a powerful 23X optical zoom camera block. The camera is IP66 weatherproof, and supports advanced exposure controls such as DWDR, DNR, and BLC, enabling very accurate color reproduction on a very reasonable budget.

Features

- 1/4" CMOS Sensor
- 23× optical zoom
- 650TVL
- 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 300°/s pan & tilt speed, 360° endless pan rotation
- 24V AC, 1.5A

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Specifications

Model	PTZ-N23X4-S
Camera	
Image Sensor	1/4" CMOS
Effective Pixels	640(H)×480(V)
Horizontal Resolution	650TVL
Scanning System	Progressive
Electronic Shutter Speed	1/50sec ~ 1/100,000sec
Min. Illumination	0.5Lux@F1.6 (Color); 0.05Lux@F1.6 (B/W)
S/N Ratio	> 50dB
Video Output	1.0V p-p 75Ω
Day / Night	Auto (ICR) / Color / B/W
Backlight Compensation	BLC
White Balance	Auto, ATW, Indoor, Outdoor, & Manual
Gain Control	Auto / Manual
Noise Reduction	2D
Lens	
Focal Length	3.9mm ~ 89.7mm; 23× Optical Zoom
Max. Aperture	F1.6 ~ F3.7
Focus Control	Auto / Manual
Angle of View	61.68° (W) ~ 3.06° (T)
Close Focus Distance	100mm ~ 1,000mm
PTZ	
Pan / Tilt Range	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1°/s ~ 250°/s; Tilt: 0.1°s ~150°/s
Preset Speed	Pan: 300°/s; Tilt: 200°/s
Presets	80 (ICR-SD), 255 (Pelco-D/P)
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length / speed adaptation
Power-Up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset / Pan / Scan / Tour / Pattern if there is no command in the specified period
Time Task	Auto activation of Preset / Pan / Scan / Tour / Pattern by preset-time
Protocol	ICR-SD, Pelco-D/P (Auto recognition)
RS 485	1 Port
Alarm	2/1 channel In/Out
General	
Power Supply	24V AC, 1.5A (±10%)
Power Consumption	12W
Working Environment	-14°F ~ 122°F/-10°C ~ 50°C; RH: < 90%
Ingress Protection	IP66
Dimensions	Φ6.69"×6.10"/Φ170mm×155mm
Weight	3.31lbs/1.5kg

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Accessories



[MNT-BOX-MPA120](#)



[MNT-PCNRIP](#)



[MNT-POLIP](#)



[PWR-24VAC TRANSFORMER](#)