

CVIPTZ-EL2MPIR250L20X

20X 2MP HDCVI Infrared PTZ Security Camera

- 20x optical zoom
- Max. 30fps@1080P
- Control over coaxial cable
- Max 240°/s pan speed, 360° endless pan rotation
- IR Distance up to 250 Feet
- IP66, OSD



Megapixels:	2
Max Resolution:	1080p
Image Resolutions:	2MP(1920x1080) / 1.3M(1280x960) / 720P(1280x720) / D1(704x576/704x480)
Image Sensor:	1/2.8 inch Exmor CMOS
Min Illumination:	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)
LEDs:	(2 near IR LED + 4 far IR LED)
IR Distance:	250 Feet
OSD:	Yes
Protocol:	DH-SD, Pelco-P/D
Operating Temperature	-40F to +140
Dimension:	12 in x 12in x 21in
Power:	24v AC
Pan Rotation:	0° ~ 360° endless
Tilt:	-15° ~ 90°, auto flip 180°
Touring:	5 Pattern, 8 Tour, Auto Pan, Auto Scan

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Technical Specifications

Camera	
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	1920(H) x 1080(V), 2Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)
S/N Ratio	More than 50dB
Resolution	30fps@1080P, 30/@720P
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D/3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	4.7mm~94mm (20x Optical zoom)
Max Aperture	F1.4 ~ F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1° ~ 3.2°
Close Focus Distance	100mm~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~160° /s; Tilt: 0.1° ~120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Preset	80(DH-SD), 255(Pelco-P/D)
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/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	DH-SD, Pelco-P/D (Auto recognition)
IR Distance	100m (2 near IR LED+ 4 far IR LED)
Audio	
Interface	1 channel In
Auxiliary Interface	

RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC 24V/3A (±10%)
Power Consumption	10.5W, 26W (IR on, Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ204.7(mm) x 359.9(mm)
Weight	7.5kg

Dimensions (mm)

