

CVIPTZ-EL2MPIR250L20X-D2

20X 2MP HDCVI Infrared PTZ Security Camera

- 20x optical zoom
- Max. 30fps@1080P
- Control over coaxial cable
- Max 400°/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:	N/A
IR Distance:	250 Feet
OSD:	Yes
Protocol:	DH-SD, Pelco-P/D
Operating Temperature	-40F to +158
Dimension:	10 in x 10in x 17in
Power:	24v AC
Pan Rotation:	0° ~ 360° endless
Tilt:	-15° ~ 90°, auto flip 180°
Touring:	5 Pattern, 8 Tour, Auto Pan, Auto Scan

Technical Specifications

Camera	
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	1920(H) x 1080(V), 2Megapixels
Horizontal Resolution	≥1000TVL
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	25/30fps@1080P, 25/30/50/60fps@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° ~300° /s; Tilt: 0.1° ~200° /s
Preset Speed	Pan: 400° /s; Tilt: 300° /s
Preset	300(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

Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC24V/3A (±10%)
Power Consumption	12W, 25W (IR on)
Working Environment	-40°C ~ 70°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ186.0(mm) x 310(mm)
Weight	3.5Kg

Dimensions (mm)

