

IPPTZ-EL2MPL20X

20X 2MP Elite IP Network PTZ Security Camera

- Powerful 20x optical zoom
- Micro SD, Max 64GB
- IR distance up to 492 feet
- IP66 weather rated



Megapixels:	2MP
Max Resolution:	1944x1092
Image Resolutions:	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF (352×288/352×240)
Image Sensor:	1/2.8 inch Exmor CMOS
Min Illumination:	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
LEDs:	10
IR Distance:	492 feet
OSD:	N/A
Protocol:	DH-SD
Operating Temperature	-40°F to +158°F / Less than 90% RH
Dimension:	9.92in x 9.92in x 15.13in
Power:	AC 24V/3A (±16%)
Pan Rotation:	Pan: 0° ~ 360° endless
Tilt:	Tilt: -10° ~ 90°,auto flip 180°
Touring:	5 Pattern, 8 Tour, Auto Pan ,Auto Scan

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Technical Specifications

Model	IPPTZ-EL2MPL20X
Camera	
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	1944(H) x 1092(V), 2 Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 50dB
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC
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	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Defog	On / Off
Lens	
Focal Length	4.7mm~94.0mm(20x Optical zoom)
Max Aperture	F1.6 ~ F3.5
Focus Control	Auto / Manual
Angle of View	H: 55.4° ~ 2.80°
Close Focus Distance	10mm~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Preset	80
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	DH-SD
IR Distance	150m (2 near IR LED+ 8 far IR LED)
Video	
Compression	H.264 / MJPEG

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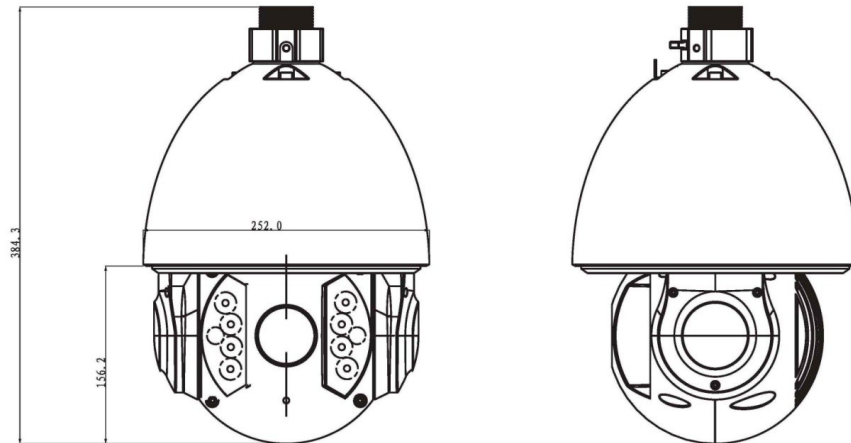
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Resolution		1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF (352×288/352×240)
Frame Rate	Main Stream	1080P (1 ~ 25/30fps) / 720P(1~50/60fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)
Bit Rate		H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps
Audio		
Compression		G.711a / G.711u(32kbps)/ PCM(128kbps)
Interface		1/1 channel In/Out
Intelligent Function		
Auto Tracking		Single-scene, multiple-scene, panorama-scene
IVS		Tripwire, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving and etc.
Tracking Trigger Mode		Manual / Auto (alarm triggered)
Tracking Trigger Event		Targeting, Zoom, Tracking, Recording, Snapshot, Alarm and etc.
Network		
Ethernet		RJ-45 (10/100Base-T)
Protocol		IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
ONVIF		ONVIF Profile S
Max. User Access		20 users
Smart Phone		iPhone, iPad, Android, Windows Phone
Auxiliary Interface		
Memory Slot		Micro SD, Max 64GB
Alarm		7/2 channel In/Out
General		
Power Supply		AC 24V/3A (±16%)
Power Consumption		20W, 43W (IR on, Heater on)
Working Environment		-40°C ~ 70°C / Less than 90% RH
Ingress Protection		IP66
Vandal Resistance		4000V anti-lightning surge
Dimensions		Φ252(mm) x 384.3 (mm)
Weight		6.75kg

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Dimensions (mm)



Accessories (Included)

		
69FB	MA-EL111	Power Supply

Accessories (Optional)

		
CM-EL300C	PM-EL150	CM-EL151