

IPPTZ-EL2MPL12X-Mini-F

12X 2 Megapixel Indoor IP Network PTZ Flush Ceiling Mount

- Powerful 12x optical zoom
- Max. 25/30fps@1080P & 50/60fps@720P
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC,
- BLC Max 300°/s pan speed, 360° continuous pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Support intelligent 3D positioning with protocol



Image Resolutions:	2MP(1920x1080) / 1.3M(1280x960) / 720P(1280x720) / D1(704x576/704x480)
Image Sensor:	1/2.8in Exmor CMOS
Min Illumination:	N/A
LEDs:	N/A
IR Distance:	N/A
OSD:	Yes
Protocol:	Peclo-P/D
Operating Temperature	+14F to +140
Dimension:	10x10x10
Power:	AC24V/1.5A (±10%), POE+(802.3at)
Pan Rotation:	0° ~ 360° endless
Tilt:	-2° ~ 90°, auto flip 180°
Touring:	Yes

Camera			
Image Sensor		1/2.8" Exmor CMOS	
Effective Pixels		1944(H) x 1092(V), 2 Megapixels	
Horizontal Resolution		>1000TVL	
Scanning System		Progressive	
Electronic Shutter Speed		1/3s ~1/30,000s	
Min. Illumination		Color: 0.05 Lux/F1.6, B/W: 0.005Lux/F1.6	
S/N Ratio		More than 55dB	
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		5.1 mm~61.2mm (12x Optical zoom)	
Max Aperture		F1.2~ F2.1	
Focus Control		Auto / Manual	
Angle of View		51.3° ~ 4.64°	
Close Focus Distance		100mm~1000mm	
PTZ			
Pan/Tilt Range		Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°	
Manual Control Speed		Pan: 0.1° ~ 300°/s; Tilt: 0.1° ~120°/s	
Preset Speed		Pan: 300°/s; Tilt:200°/s	
Preset		80(DH-SD)	
PTZ Mode		5 Pattern, 8 Tour, 5 Auto Scan, Auto Pan	
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	
Protocol		DH-SD (Auto recognition)	
Video			
Compression		H.264 / MJPEG	
Resolution		1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)	
Frame Rate	Main Stream	1080P/D1 (1 ~ 25/30fps) /720P(1~50/60fps)	
	Sub Stream	D1/CIF(1 ~ 25/30fps)	

Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps		
Audio			
Compression	G.711a / G.711u (32kbps) / PCM (128kbps)		
Interface	1/1 channel In/Out		
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		
ONVIF	ONVIF Profile S		
Max. User Access	20 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Auxiliary Interface			
Memory Slot	Micro SD, Max 64GB		
RS485	N/A		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC24V/1.5A (±10%), POE+(802.3at)		
Power Consumption	12W, 22W(Heater on)	12W	
Working Environment	-40°C ~ 60°C / Less than 90% RH	-10°C ~ 60°C / Less than 90% RH	
Ingress Protection			
Vandal Resistance			
Dimensions			Φ198mm×158mm
Weight			2.3Kg

