



### FEATURES

- Powerful 12x optical zoom - STARVIS
- 30fps@1080P & 50/60fps@720P
- WDR, 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
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- IP66, POE+

Model		MT-IPMZ12-HN	
Camera	Image Sensor	1/2.7" STARVIS CMOS	
	Effective Pixels	1920(H) x 1080(V)	
	Scanning System	Progressive	
	Electronic Shutter Speed	1/3s ~1/30,000s	
	Min. Illumination	Color: 0.005Lux/F1.6,B/W: 0.0005Lux	
	S/N Ratio	More than 50dB	
Camera Features	Day/Night	Auto(ICR)/Color/B/W	
	Backlight Compensation	BLC / HLC / WDR (120DB)	
	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	5.1mm~61.2mm(12xOptical 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, 5Auto 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/H265+
Resolution		1080P(1920.1080)/720P(1280.720)/D1(704.576/704.480)/CIF(352.288/352.240)	
Frame Rate		Main Stream	1080P/D1(1 ~ x5/30fps)/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 128GB	
	RS485	N/A	
General	Alarm	2/1 channel In/Out	
	Power Supply	AC24V/1.5A(±10%), POE+(802.3at)	
	Power Consumption	12W	
	Working Environment	-10°C ~ 60°C/ Less than90% RH	
	Ingress Protection	IP66	
	Vandal Resistance	IK10(optional)	
	Dimensions	Φ170mm.155mm	
Weight	1.8kg		