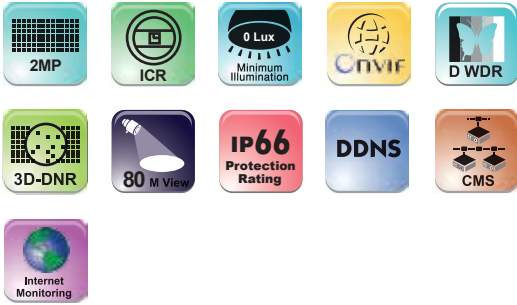


MINI ULTRA-Z IP

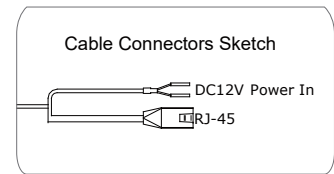
MZ-20IP-2(IR)



X20

Main Features:

- ONVIF
- Dual Video Stream
- H.264 Video Compression
- 80m IR Distance (Depends on model)
- Preset speed of 120°/Sec (max)
- Preset accuracy up to 0.1°
- Endless 360° Pan Rotation
- 180° Continuous Tilt with Auto Flip
- 256 Preset Position
- 4 Pattern, 8 Scan Routes and 8 Cruise Lanes
- Park Action
- Fully function web-client
- 3D-DNR Noise Reduction
- Digital WDR
- IP66 Water-proof and Dust-proof
- Excellent High Resolution Picture Quality
- True Day/Night with ICR Filter
- WB/BLC/AGC



Specifications

Camera	Video	Model	MZ-20IP-2(IR)
		Image Sensor	1/2.8" CMOS
		Effective Pixels	1920×1080
		Sync System	Progressive Scan
		Electronic Shutter	1/25s ~ 1/10000s
		Day & Night	ICR (Auto/Day/Night)
		Min. Illumination	0.05 Lux (Color), 0.01 Lux (B&W), 0 Lux (IR On)
	Lens	S/N Ratio	>52dB
		Optical Zoom	x20 (F1.6~4.7mm - F3.5~97mm)
		Digital Zoom	x12
	Audio	Focus	Auto / Manual
		Minimum Focus Distance	1m
		Horizontal Angle of View	54.1° (Wide) ~ 2.8° (Tele)
	Image Enhancement	Audio compression	No
		Communication	No
Image Settings		AWB Adjustable Exposure Mode Sharpness, Saturation, Brightness & Contrast Adjustable Auto Gain Adjustable	
BLC		Yes	
Sense-Up		Yes (5 Levels)	
WDR Range		Digital WDR	
Noise Reduction		3D-DNR	
Image Orientation		Mirror/Flip	
Privacy Zone		Yes	
Motion Detection		Yes	
Compression	Video Compression	H.264 Main Profile MJPEG/JPEG Baseline	
	Resolution	Main Stream: 1080P, 720P Sub-Stream: D1, CIF	
	Multi-stream	1920x1280 (1~30fps) 1280x720 (1~30fps) D1 (1~30fps) / CIF (1~30fps)	
	Bit rate	64Kbps ~ 8Mbps	
	Encode Mode	VBR/CBR	
	Image Quality	Six levels under VBR; Free adjustment under CBR	

Network	Remote Monitoring	IE Browsing, CMS 3.x Control Software
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTP, RTSP, UPnP, SNMP, PPPoE, DNS, DDNS, SMTP, FTP, HTTP, IPv4, IPv6
Pan/Tilt	ONVIF	Yes
	Ethernet	100Mbps
	PoE	No
	Pan/Tilt Range	360° (Endless) / -10°~180° (Auto Flip)
	Pan/Tilt Speed	Max Preset Speed: Horizontal: 120°/s, Vertical: 22.5°/s Horizontal: 0.01°/s - 90°/s, Vertical: 0.01°/s - 22.5°/s
Housing	Presets	256
	Patterns	4
	Cruise	8
	Scan	8
Connectivity	Schedule	Yes
	IR Distance	80m
	Water-proof	IP66
	Wiper	No
	Fan & Heater	No
	Bracket	Wall Bracket
Others	Dimensions	336L×341H×222W
	Weight(gross)	6.2Kg
	Network	RJ45
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
Others	SD Card	No
	RS485	No
	Alarm	No
	Power Supply	DC12V/3A
Work Environment	-20 C ~50 C , 10%~90% Humidity	