

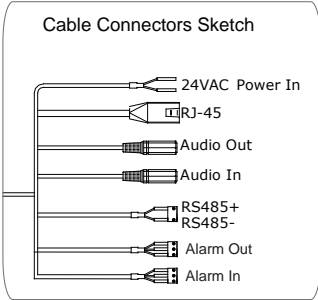
ULTRA-Z IP

Z-20IP-2(IR)
Z-20IP-1(IR)



Main Features:

- ONVIF
- Dual Video Stream
- H.264 Video Compression
- G.711/726 Audio Compression
- 2 Way Audio
- Alarm (I/O): 1 Input / 1 Output
- RS485 Connectivity
- 100m/150m IR Distance (Depends on model)
- Preset speed of 350°/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
- Auto Parking and Power-up 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
- Enhanced Noise Reduction
- WB/BLC/AGC



Specifications

Camera	Video	Model	Z-20IP-1 (IR)	Z-20IP-2 (IR)
		Image Sensor	1/3" CMOS	1/2.8" CMOS
	Effective Pixels	1280x720	1920x1080	
	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)		
	S/N Ratio	>52dB		
	Optical Zoom	x20 (F1.6~4.7mm - F3.5~97mm)		
	Digital Zoom	x12		
	Focus	Auto / Manual		
	Minimum Focus Distance	1m		
	Horizontal Angle of View	58.3° (Wide) ~ 3.2° (Tele)	61.4° (Wide) ~ 2.9° (Tele)	
	Audio compression	G.711-U/G.711-A Law/G.726		
	Communication	Two Way Audio		
	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		
	Video Compression	H.264 Main Profile MJPEG/JPEG Baseline		
	Resolution	Main Stream: 960P, 720P Sub-Stream: D1, CIF	Main Stream: 1080P, 720P Sub-Stream: D1, CIF	
	Multi-stream	1280x720(1~30fps) D1(1~30fps) / CIF (1~30fps)	1920x1280 (1~30fps) 1280x720 (1~30fps) D1 (1~30fps) / CIF (1~30fps)	
	Bit rate	64Kbps ~ 4Mbps		
	Encode Mode	VBR/CBR		
	Image Quality	Six levels under VBR; Free adjustment under CBR		

Remote Monitoring	IE Browsing, CMS 3.0 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, HTTPS, IPv4, IPv6
ONVIF	Yes
Ethernet	100Mbps
PoE	No
Pan/Tilt Range	360° (Endless) / -10°~180° (Auto Flip)
Pan/Tilt Speed	Max Preset Speed: Horizontal: 350°/s, Vertical: 120°/s Horizontal: 0.01°/s - 350°/s, Vertical: 0.01°/s - 120°/s
Presets	256
Patterns	4
Cruise	8
Scan	8
Schedule	Yes
IR Distance	150m
Water-proof	IP66
Wiper	Optional
Fan & Heater	Optional
Bracket	Wall Bracket
Dimensions	354Lx341Hx228W
Weight(gross)	5.8Kg
Network	RJ45
Power	DC Socket
Analog Video Output	Yes
Audio Connectivity	1Ch In / 1Ch Out
SD Card	No
RS485	Yes
Alarm	1Ch In / 1Ch Out
Power Supply	AC24V±10%
Work Environment	-10 C ~50 C, 10%~90% Humidity