ULTRA-Z IP

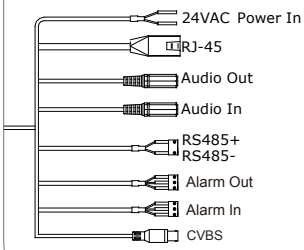
Z-30IP-2(IR)
Z-30IP-1(IR)

IP SOLUTION
2MP
1.3MP

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

Cable Connectors Sketch



Specifications

		Model	Z-30IP-1 (IR)	Z-30IP-2 (IR)
Camera	Video	Image Sensor	1/3" CMOS	1/2.8" CMOS
		Effective Pixels	1280×720	1920×1080
		Sync System	Progressive Scan	
		Electronic Shutter	1/25s ~ 1/30000s	
		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	
	Lens	Optical Zoom	x30 (F1.6~4.3mm - F5~129mm)	
		Digital Zoom	x12	
		Focus	Auto / Manual	
		Minimum Focus Distance	1m	
		Horizontal Angle of View	58.9° (Wide) ~ 2.11° (Tele)	65.1° (Wide) ~ 2.34° (Tele)
	Audio	Audio compression	G.711-U/G.711-A Law/G.726	
		Communication	Two Way Audio	
	Image Enhancement	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: 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	64Kbps ~ 8Mbps
		Encode Mode	VBR/CBR	VBR/CBR
		Image Quality	Six levels under VBR; Free adjustment under CBR	

Network	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	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
Housing	IR Distance	150m
	Water-proof	IP66
	Wiper	Optional
	Fan & Heater	Optional
	Bracket	Wall Bracket
	Dimensions	354L×341H×228W
	Weight(gross)	5.8Kg
Connectivity	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
Others	Power Supply	AC24V±10%
	Work Environment	-10℃~50℃, 10%~90% Humidity