EW-IP80450Z

eWit EW-IP80450Z, 8MP 40x Network IP PTZ Speed Dome adopts 1/1.8" progressive scan CMOS chip. With the 40× optical zoom lens, the camera offers more details over expansive areas. This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, roads, railways, airports, squares, parks, scenic spots, and venues, etc.

Key Features: -

- 1/1.8" 8MP PS CMOS Image Sensor
- Max. 50/60fps@1080P
- Powerful 40x Optical and 16x Digital zoom
- WDR (140dB), 3D DNR, Day/Night (ICR), EIS, Defog, ROI, BLC, HLC
- Support Starlight Technology ● Up to 300 presets, auto scan, 8 tour, 5 pattern, auto pan
- IR Range of 450 Meter, IP66, Support PoE+
- Max 400° /s pan speed, 360° endless pan rotation
- Built-in 2/1 alarm in/out

Specification

Camera		
	Image Sensor:	1/1.8" Progressive Scan CMOS Sensor (0.555")
	Effective Pixels:	3840(H) x 2160(V)
	System Signal:	PAL/NTSC
	Resolution:	8 MP
	Minimum Illumination:	Color: 0.001 Lux (F 1.6, AGC On) B/W: 0.1 Lux @ F1.6 (IR On)
	White Balance:	Auto/Manual/ATW (Auto-Tracking White Balance)/ Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
	Gain Control:	Auto/Manual
	Shutter Time:	50Hz: 1/1s to 1/100,000s 60Hz: 1/1s to 1/100,000s
	Auto Exposure:	Automatic Level Control/Electronic Level Control
	Signal Process:	Digital Signal Process

	Privacy Mask:	24 Programmable Privacy Masks, Mask Color Configurable
	Focus Mode:	Auto/Manual
	WDR:	140 dB WDR
	DNR:	3D DNR
	AGC Control:	Auto/Manual
	IR Intensity:	Automatic
	PTZ Controls:	Yes
	S/N Ratio:	>70db
	Back Light Compensation:	BLC/HLC/WDR (120db)
Lens	Focal Length:	5.3~135MM Motorized Varifocal Lens
	Digital Zoom:	16X
	Optical Zoom:	40X
	Aperture Range:	F1.6~6.5
	Zoom Speed:	3.6s Approx.
	Field of View:	H61.6°~3.6°/D66.6°~4°/V44°~2°
	Focus Control:	Auto/Manual
	Close Focus Distance:	100~1000mm (Wide-Tele)
IR	IR Range:	450 Meter
	Smart IR:	Yes
PTZ	Pan Range:	0~360° Endless
	Tilt Range:	Auto Flip from -15° to 90°
	PAN Speed:	0.1°/s to 400°/s Preset Speed: 400°/s
	Tilt Speed:	0.1°/s to 320°/s Preset Speed: 320°/s
	Presets:	300
	Preset Speed:	Pan: 400° /s; Tilt: 300° /s
	Proportional Zoom:	Available
	Power of Memory:	Yes
	Pattern Scan:	4 Pattern Scans, Record Time Over 10 Minutes for Each Scan
	Park Action:	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
	Patrol Scan:	8 Patrols, up to 32 Presets for Each Patrol
	3D Positioning:	Yes
	PTZ Position Display:	Yes
	Preset Freezing:	Yes

	Scheduled Task:	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
Compression Standard	Video Compression:	Main stream: 1080P/720P/1.3M (1 ~ 50/60fps), Sub stream1: D1/CIF (1 ~ 25/30fps), Sub stream2: 1080P/1.3M/720P/D1/ CIF (1 ~ 25/30fps)
	H.264 Type:	Baseline Profile/Main Profile/High Profile
	H.264+:	Yes
	H.265 Type:	Baseline Profile/Main Profile/High Profile
	H.265+:	Yes
	Bit Rate Control:	CBR/VBR
	Video Bit Rate:	32Kbps~16Mbps
	Audio Compression:	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
	Audio Bit Rate:	16Kbps~16Mbps
	SVC:	Yes
Smart Feature	Basic Event:	Motion Detection, Video Tampering Detection, Exception
	Smart Event:	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
	Smart Record:	ANR
	ROI/Defog/AWB/BLC/HLC:	Support
	Auto-Tracking:	Yes
	Special Feature:	Defog, IR Range up to 450m, Up to 500 Presets, 5 Pattern, 8 Tour, Auto Pan, Auto Scan
Image	Max. Resolution:	3840x2160
	Video Stream:	Main Stream: 30fps@(3840x2160), 45fps@(2048x1536), 60fps@ (1920x1080, 1280x960, 1280x720, 704x576) Sub Stream: 60fps@ (704x576, 640x480, 640x360) Third Stream: 30fps@ (1920x1080, 1280x720, 704x576)
	Image Setting:	Saturation, Brightness, Contrast, Sharpness
	OSD:	16X16, 32X32,48X48, 64X64, 96X96 Total 5 Regions
	Privacy Masking:	4
	Image Enhancement:	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Antiflicker, Corridor Mode, Deblur, Watermark
Network	Event Trigger:	Motion Detection, Network Disable Alarm, IP Conflict, Mac Conflict Detection

		Advanced Function:	Auto Tracking, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur
		Video Analytics:	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection (Face Detection) , People Counting, Object Left, Object Removed
		API:	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
		Protocols:	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
		Simultaneous Live View:	Up to 20 channels
		User/Host:	Up to 32 users 3 levels: Administrator, Operator and User
		Security Measures:	User Authentication (ID and PW), Host Authentication (MAC Address); HTTPS Encryption; IEEE 802.1x Port-Based Network Access Control; IP Address Filtering
		Web Browser:	IE 8 to 11, Chrome 31.0+, Firefox 30.0+
Interface		Network Interface:	1 RJ45 10 M/100 M Ethernet, Hi-PoE
		Audio Input/ Output:	1-Ch Audio Input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-Ch Audio Output, Line Level, Impedance: 600 Ω
		Alarm Input/ Output:	4-Ch Alarm Input/2-ch Alarm Output
		On Board Storage:	Support SD/Micro SD Card Up to 256GB
General		Language:	Up to 15 Language
		Power:	24 VAC, 2.2 A, 50/60 Hz and Hi-PoE, 42.5 to 57 VDC, 1.41 A Max.: 30 W, including max. 10W for IR
		Working Temperature:	-40°C to 70°C (-22°F to 149°F)
		Working Humidity:	≤ 90%
		Protection Level:	IP66
		Material:	ADC 12, PC+10% GF
		Weight:	5.3 Kg
		Certificate:	ISO, CE, FC, ROHS
		Country of Origin:	India