eWit EW-IP50250Z, 4MP 36x Network IP PTZ Speed Dome adopts 1/2.8" progressive scan CMOS chip. With the 36× 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.

WDR® | PoE+ | H.265

Ultra Low Light | TRUE WDR | PIR

EW-IP50250Z

Key Features: -

- 1/2.8" 5MP PS CMOS Image Sensor
- Max. 25/30fps@1080P
- Powerful 36x Optical and 16x Digital zoom
- WDR (120dB), 3D DNR, Day/Night (ICR), EIS, Defog, ROI, BLC, HLC
- Support Starlight Technology • Up to 300 presets, 5 auto scan, 8 tour, 5 pattern, auto pan
- IR Range of 250 Meter, IP67, Support PoE+
- Max 400° /s pan speed, 360° endless pan rotation
- Built-in 1/1 alarm in/out

Specification

Camera	Image Sensor:	1/2.8" Progressive Scan CMOS Sensor
	Effective Pixels:	2560(H) x 1440(V)
	System Signal:	PAL/NTSC
	Resolution:	5 MP
	Minimum Illumination:	Color: 0.001 Lux (F 1.6, IR On) B/W: 0.0001 Lux (F1.6, IR On) 0 Lux @ with IR On
	White Balance:	Auto/Manual/ATW (Auto-Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
	Gain Control:	Auto/Manual
	Shutter Time:	1/5s to 1/30,000s
	Auto Exposure:	Automatic Level Control/Electronic Level Control
	Signal Process:	Digital Signal Process

	Day Night IR Cut Filter:	Auto/(ICR)/Color/B/W	
	Privacy Mask:	24 Programmable Privacy Masks, Mask Color Configurable	
	Focus Mode:	Auto/Manual	
	ROI:	Support	
	RAM/ROM:	1GB/4GB	
	WDR:	120 dB WDR	
	DNR:	3D DNR	
	AGC Control:	Auto/Manual	
	IR Intensity:	Automatic	
	PTZ Controls:	Yes	
	S/N Ratio:	>58db	
	Back Light Compensation:	BLC/HLC/WDR (120db)	

Lens	Focal Length:	4.5~162MM Motorized Varifocal Lens
	Digital Zoom:	16X
	Optical Zoom:	36X
	Aperture Range:	F1.6~F4.0
	IRIS Control:	Automatic DC-IRIS
	Zoom Speed:	3.6s Approx.
	Field of View:	H: 63°~3°, V: 31.92°~1.34°, D: 63.71°~2.71°
	Focus Control:	Auto/Semi Auto/Manual
	Close Focus Distance:	100MM~1000MM

IR	IR Range:	250 Meter
	Smart IR:	Yes

PTZ	PAN Travel:	0°~360° endless, Pan Speed: 0.1° ~ 350°/sec
	Tilt Travel:	-15° ~ 90° auto flip 180°, Tilt Speed: 0.1° ~260°/sec
	Manual Speed:	Pan: 0.1° ~350° /s; Tilt: 0.1° ~350° /s
	Preset Speed:	Pan: 400° /s; Tilt: 300° /s
	Power Up Action:	Auto restore to previous PTZ and lens status after power failure
	Idle Motion:	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
	Presets:	300
	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:	Interstream; H.265; H.264+; H.264B; H.264M; H.264H; MJPEG)
	Bit Rate Control:	CBR/VBR
	Video Bit Rate:	H.264: 3Kbps~20480Kbps H.265: 3Kbps~20480Kbps
	Audio Compression:	G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G722.1; G729; G723
	Audio Bit Rate:	H.264: 32Kbps~8192Kbps, H.265: 32Kbps~8192Kbps
Smart Feature	Basic Event:	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly
	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
	Power UP Cation:	Auto Restore to Previous PTZ and Lens Status After Power Failure
	Speed Setup:	Human-Oriented Focal Length
	Special Feature:	Defog, IR Range up to 250m, up to 300 Presets, 5 Pattern, 8 Tour, Auto Pan, Auto Scan
Image	Max. Resolution:	2560 × 1440
	Video Streaming:	Main Stream: 5M/4M/3M/1080P/1.3M/720P (1–25/30 fps) Sub Stream1: D1/CIF (1–25/30 fps) Sub Stream2: 2MP/1.3MP/720P (1–25/30 fps)
	Image Setting:	Saturation, Brightness, Contrast, Sharpness
	OSD:	16X16, 32X32,48X48, 64X64, 96X96 Total 5 Regions
	Motion Detection:	Support

	Image Enhancement:	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus
Network	Event Trigger:	Motion/Tampering Detection; Audio Detection; Network Disconnection Detection; IP Conflict Detection; Memory Card State Detection; Memory Space Detection; Power Exception Detection
	Video Analytics:	Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Video Abnormal, Audio Abnormal
	IVS:	Tripwire and Intrusion. Support Alarm Triggering by Target Types (Human and Vehicle). Support Filtering False Alarms Caused by Animals Rustling Leaves, Bright Lights,
	API:	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
	Protocols:	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, 802.1x, ONVIF Profile S&G, API
	User/Host:	Up to 32 users 3 levels: Administrator, Operator and User
	Simultaneous Live View:	Up to 20 channels
	Security Measures:	User Authentication (ID and PW), Host Authentication (MAC Address); HTTPS Encryption; IEEE 802.1x Port-Based Network Access Control; IP Address Filtering
	Smart Phone:	iPhone, iPad, Android Phone
	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	2-Ch Alarm Input/1-ch Alarm Output
	SD Card Support:	Support SD/Micro SD Card up to 256GB
General	Language:	32 Language
	Power:	24 VAC, 2.5 A, 50/60 Hz and Hi-PoE, 42.5 to 57 VDC, 1.41 A Max.: 13W, including max. 22W for IR On
	Working Temperature:	-50°C to 70°C (-40°F to 158°F)
	Working Humidity:	≤ 95%
	Protection Level:	IP67, IK10
	Material:	ADC 12, PC+10% GF (Metal)
	Weight:	3.5 Kg
	Certificate:	BIS, CE, FC, ROHS, GDPR
	Country of Origin:	India