

**STARVIS**

2MP 30X IR PTZ IP Camera

GANZ **OXi**

ZN1A-P4DT54U-1

Features:

- Full HD 1080P
- 1/2.8" 2MP Starvis CMOS Sensor
- 30x Optical and 12x Digital Zoom
- True Day / Night and WDR
- Superior low light performance
- Leading Edge Pan / Tilt Technology
- IP67

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Specifications (Part 1)

Model		ZN1A-P4DT54U-1	
Camera	Image Sensor	1/2.8" 2MP Starvis Cmos Sensor	
	Effective Pixels	1920 x 1080	
	Scanning System	Progressive scanning	
	AGC Control	Auto	
	Auto Iris	DC Auto Iris	
	Minimum Illumination	Color: 0.05 Lux B/W : 0 Lux (IR LED On)	
	Lens	4.3(w) ~ 129mm(t), F1.6(w) ~ F4.7(t) Optical 30x, Digital 12x	
	Angle of View	Horizontal: Approx. 63.7° (Wide) to 2.3° (Tele) Vertical: Approx. 38.5° (Wide) to 1.3° (Tele)	
	Shutter Speed	Auto / Manual: 1/30 ~ 1/32,000, Anti-Flicker, Slow Shutter (1/2,1/3,1/5,1/6,1/7.5,1/10)	
	Day/Night Performance	True Day & Night (Removable IR-cut filter)	
	Wide Dynamic Range	True WDR, 120 dB or above	
	Zoom Ratio	Optical 30X; Digital 12X	
	IR Range	200M / 6 x High Power LED	
Video	Video Compression	H.265, H.264, MJPEG	
	Video Streaming	Triple Stream, Configurable streams in H.264, H.264, MJPEG	
	Resolutions	16:9 Mode	1920 x 1080, 1280 x 720, 1120 x 630, 960 x 540, 800 x 450, 640 x 360, 480 x 270, 320 x 180
		4:3 Mode	SXGA (1280 x 960), XGA (1024 x 768), SVGA (800 x 600), PAL (720x576), NTSC (720 x 480), VGA (620 x 480), QVGA (320x240)
	Frame Rate	H.265 / H.264 / MJPEG: Max 30fps in all resolution	
	Image Settings	Configurable brightness, contrast, saturation, sharpness	
	Orientation Control	Flip / Mirror	
	Noise Filter	Supported (0 ~ 3)	
	Defogging	Supported	
	Smart Bitrate Control	Supported (works in VBR mode)	
	Exposure Adjustment	+1.0, +0.6, +0.3, 0, -0.3, -0.6, -1.0 EV	
	White Balance	ATW / Indoor / Outdoor / Manual	
	Flicker Control	Normal, 50Hz, 60Hz	
	DSS (Sens-up)	2X ~ 16X	
	BLC	On (possible to designate zone) / Off	
	Text Overlay	Time stamp and text caption overlay	
	Privacy Mask	16 configurable regions	
Audio	Audio Streaming	Two Way	
	Audio Compression	G.711	
	Audio Input / Output	1/1	
Network	Ethernet Standard	10 / 100 Base-T	
	Security	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication	
	IP Protocol	Ipv4, TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB-2), ONVIF	
	Users	Live Viewing for up to 10 clients	

All specifications are subject to change without notice.

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□ Specifications (Part 2)

Model		ZN1A-P4DT54U-1
PTZ	Pan / Tilt Range	Pan Range: 360° Endless Rotation / Tilt Range: -5° ~ 180° Auto-flip
	Manual Pan/Tilt Speed	0.01° ~ 120° / sec
	Preset Pan/Tilt Speed	360° / sec
	Control	255 preset points; 6 tours; Auto panning; Auto run
	System Accuracy	±0.2° (Preset point)
Integration	Application Programming Interface	Software Development Kit (SDK) available
	Event Sources	Sensor(DI); Alarm(DO); Video Motion Detection; Face Detection; Tamper Detection; Network Loss/Detect; Network Setting Change; Time(Recurrence/Schedule); Storage Error
	Event Actions	File upload: E-mail, FTP; Notification: E-mail, FTP, HTTP, TCP; Trigger-Alarm(DO); Recording; Event Log Saving; Moving to PTZ preset spot
	Event Metadata Streaming (RTSP/RTP)	Video Motion Detection (MD)
	ONVIF Compliance	Profile S, Profile G
Edge Storage	Storage	1x MicroSD/microSDHC memory card slot (SD/SDHS up to 256GB, card not included)
	Recording Types	Continuous Recording or Event Recording
	Continuous Recording	Instant recording; Search and Download
	Event Recording	Search of Event Logs; Playback; Download
Physical	Material	Aluminum Die-casting, White
	External I/O Terminals	1x Alarm In, 1x Alarm Out
	Analog Out	1 CVBS 1.0 Vp-p (75 Ω)
	Power / Consumption	AC24V, Ultra PoE (IEEE 802.3bt Class 5) / AC24V Max 35W, PoE Max 42W
	Operating Conditions	Humidity 10 ~ 90% RH (non-condensing) [AC/DC24V / PoE] -20°C ~ 50°C (-4°F ~ 122°F)
	Lowest Temperature for device's start-up	[24VAC] -4°F (-20°C); [PoE+] 32°F (0°C)
	Dimensions	Ø150mm x 232mm
	Weight	2.8 kg
Certifications	FCC, CE, BIS, EN, IP67, Ik10	

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