



ONVIF
Profile (S) Compliant

IP Pinhole Camera Series with GXi Technology



The ZN1A-V4FN Series pinhole IP cameras feature GXi Technology maximizing the camera's surveillance capabilities by bringing an added feature set of Imbedded Intelligence and SDXC Edge Recording to this already full-featured series. The Imbedded Intelligence provides analysis of video with application areas including intrusion detection, people counting and loitering detection, as well as camera tampering and failure detection.

Features:

- Full HD 1080p @ 30fps
- Imbedded Intelligence Technology
- Image rotation for vertically oriented space
- 3.7mm or 2.8mm fixed lens
- Digital Day/Night and WDR
- SDXC Edge Recording (up to 32GB)
- Power over Ethernet (IEEE 802.3af)
- Available in height strip, door frame and other specialty housings
- Multiple lens mounting covers included



IP Pinhole Camera Series with GXi Technology

■ Specifications

MODELS		ZN1A-V4FN3	ZN1A-V4FN4	
Pinehole Camera Module	Image Sensor	1/3" 1080p CMOS		
	Effective Pixels	1920 x 1080		
	Scanning System	Progressive scanning		
	AGC control	Auto		
	Minimum Illumination	Color: 1.0 lux / BW: 0.007 lux (DSS ON)	Color: 1.4 lux / BW: 0.01 lux (DSS ON)	
	Lens	2.8mm , F2.4		
	Field of View	Horizontal: Approx. 70° Vertical: Approx. 36°	Horizontal: Approx. 58° Vertical: Approx. 31°	
	Day & Night Performance	Digital Day & Night		
	WDR	Digital WDR		
	DNR (Digital Noise Reduction)	Supported		
	DSS (Digital Slow Shutter)	2X ~ 16X		
	White Balance	ATW / Manual		
	BLC	On (possible to designate zone) / Off		
	DC auto Iris	Supported		
IR LEDs	-			
Video	Compression Format	H.264 Baseline, Main, High profile (MPEG-4 Part 10 / AVC), MJPEG (Motion JPEG)		
	Number of Streams	Dual Stream, Configurable streams in H.264, MJPEG H.264: Controllable frame rate, bandwidth (VBR/CBR) MJPEG: Controllable frame rate, JPEG quality		
	Resolutions	1920 x 1080, 1280 x 720, 1120 x 630, 960 x 540, 800 x 450, 640 x 360, 480 x 270, 320 x 180		
	Frame rate	H.264: Max 30fps in all resolution MJPEG: Max 30fps in all resolution		
	Motion Detection	Supported		
	Text Overlay	-		
	Analog Output	-		
Audio	Input	-		
	Output	-		
	Compression Format	-		
Function	DI	1 Channel		
	DO	1 Channel		
	RS-485	-		
	Network	10 / 100 Base-T		
	Protocol	QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTCP, RTP/UDP, RTP/TCP, mDNS, UPnP™, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3 (MIBII), IGMP, ICMP, SSLv2/v3, TLSv1		
	USB 2.0	-		
	SD Memory Card Slot	microSD slot (up to 32GB)		
Electrical	Power Source	12VDC, PoE		
	Power Over Ethernet	Supported (IEEE 802.3af)		
	Power Consumption (Approx.)	6W @ 12VDC		
Environmental	Operating Temperature (Not including cold start)	14°F ~ 122°F / -10°C ~ 50°C (short interval 131°F / 55°C)		
	Operating Humidity	Humidity up to 85% RH (non-condensing)		
Mechanical	Dimensions	Camera Unit: 1.1" ø x 1" H / 28.1 ø x 25.0mm H Main Unit: 4.2" W x 1.0" H x 4.9"D / 107.0 W x 36.0 H x 124.0 D		
	Cable Length	20' / 6.1M		
	Weight (Approx.)	Main Unit 0.5lbs. (225g) / Camera Unit 0.55lbs. (250g)		
Certifications	OnVIF Compliant (Profile S), FCC, CE, KC, UL			

All specifications are subject to change without notice