



ONVIF
Profile (S) Compliant

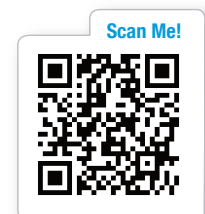
IP Pinhole Camera Series with GXi Technology



The ZN1-V4FN Series pinhole IP cameras feature GXi Technology maximizing the camera's surveillance capabilities by bringing an added feature set of Imbedded Intelligence and full video recording to SD card 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 64GB)
- Power over Ethernet (IEEE 802.3af)
- Available in Height Strip, Door Frame and other Speciality Housings
- Multiple lens mounting covers included



■ Specifications

MODELS		ZN1-V4FN3	ZN1-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 , F2.0		
	Field of View	Horizontal: Approx. 82° Vertical: Approx. 43°	Horizontal: Approx. 63° Vertical: Approx. 33°	
	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	Time stamp and text caption overlay		
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, 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 64GB)		
Electrical	Power Source	12VDC, PoE		
	Power Over Ethernet	Supported (IEEE 802.3af)		
	Power Consumption (Approx.)	3W @ 12VDC		
Environmental	Operating Temperature (Not including cold start)	32°F ~ 122°F / 0°C ~ 40°C		
	Operating Humidity	Humidity up to 90% RH (non-condensing)		
Mechanical	Dimensions	Camera Unit: 1.1" ø x 1" H / 28.5 ø x 25.0mm H Main Unit: 4.2" W x 1.0" H x 4.9"D / 107.0 W x 26.0 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			

All specifications are subject to change without notice