



ONVIF
Profile (S) Compliant

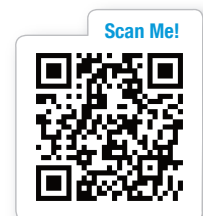
1080p Indoor IP Dome with GXi Technology

GANZ WITH **GXi**
PixelPro
TECHNOLOGY

The ZN1-D4FN5 features GXi Technology maximizing the camera's surveillance capabilities by bringing an added feature set of Imbedded Intelligence, WDR performance and full video recording to SD card to this already full-featured series. The Imbedded Intelligence provides intelligent analysis of video with application areas including intrusion detection, vehicle monitoring, abandoned-object detection, people counting and loitering detection, as well as camera tampering and failure detection.

Features:

- 1080p HD resolution
- Built-in 4.0mm Lens
- Imbedded Intelligence Technology
- WDR and Digital Day/Night Performance
- Text overlay for easy identification of video
- Video motion detection
- Dual-Streaming IP Video - H.264 and MJPEG compression
- Full video recording to SD cards (card not included)
- ONVIF Profile (S) compliant
- 12 VDC/PoE (IEEE 802.3af)



■ Specifications

Model	ZN1-D4FN5	
Camera	Image Sensor	SONY EXMOR 1/2.9" 1080p CMOS
	Effective Pixels	1920 x 1080
	Scanning System	Progressive scanning
	AGC Control	Auto
	Minimum Illumination	Color: 1.0 Lux / B/W : 0.001 Lux (DSS ON)
	Lens	4mm, F2.0
	Angle of View	Horizontal: Approx. 84.4° / Vertical: Approx. 50.3°
	Shutter Time	1/5000s to 1/2s
	Day/Night Performance	Digital Day/Night
	Wide Dynamic Range	Digital WDR
Video	Video Compression	H.264 Baseline, Main, High profile, MJPEG (Motion JPEG)
	Video Streaming	Dual Stream, Configurable streams in H.264, MJPEG
	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/MJPEG: Max 30fps in all resolution
	Image Settings	Configurable brightness, contrast, saturation, sharpness
	Orientation Control	Flip & Mirror
	Noise Filter	Supported (0 ~ 3)
	Smart Bitrate Control	Supported (It works in VBR mode)
	Exposure Adjustment	+1.0, +0.6, +0.3, 0, -0.3, -0.6, -1.0 EV
	White Balance	ATW1 / ATW2 / Push / 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	4 configurable regions
Network	Ethernet Standard	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(MIB-II), IGMP, ICMP, SSLv2/v3, TLSv1
	Security	Multi-level access with password protection
Integration	Application Programming Interface	Software Development Kit (SDK) available, ONVIF Compliant (Profile S)
	Event Sources	Video Motion Detection; Tamper Detection; Video Content Analytics (Imbedded Intelligence); Network Setting Change; Sensor (DI)
	Event Actions	File upload: E-mail, FTP / Notification: E-mail, FTP, HTTP, TCP / Trigger-Alarm (DO)
	Event Metadata Streaming (RTSP/RTP)	Video Motion Detection (MD); Video Content Analytics (Imbedded Intelligence)
Imbedded Intelligence (standard)	Analytics Engine	Advanced tracking algorithm with rich library of detection behaviors
	Detection	40 zones (Multi-segment Polygons and Lines) in total
	Zones and Rules	60 rules in total
	Tamper Detection	Supported
	Camera Shake Cancellation	Supported
Imbedded Intelligence (optional)	Detection Behavior	Enter, Exit, Appear, Disappear, Stop, Direction, Dwell filter; Tailgating
	3D Behavior	Perspective Corrected Size and Speed Filters
	Counting	20 counters in total
	Counting Line	High accuracy people and vehicle counting
	Meta Data	Plain XML Format
Physical	Material	Plastic; Ivory
	Edge Storage	1x MicroSD / MicroSDHC memory card slot (card not included)
	External I/O Terminals	1x Alarm In, 1x Alarm Out
	Users	Live viewing for up to 10 clients
	Power / Consumption	12VDC, PoE / 2.64W @ DC 12V
	Operating Conditions	32°F ~ 104°F (0°C ~ 40°C) Humidity up to 85% RH (non-condensing)
	Dimensions	3.3" ø x 3.7" H / 85mm ø x 95 H
	Weight	0.66 lbs / 300g
	Certifications	ONVIF Compliant (Profile S), FCC, CE, KC

All specifications are subject to change without notice