



**ONVIF**  
Profile (S) Compliant

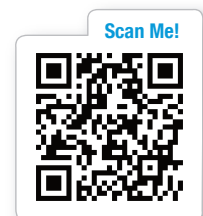
## 1080p Indoor Mini IP Dome with GXi Technology

**GANZ** WITH **GXi** TECHNOLOGY  
**PixelPro**

The ZN1-M4FN3 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 2.8mm 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
- PoE (IEEE 802.3af)



**CBC (AMERICA) Corp.**

### ■ Specifications

	Model	ZN1-M4FN3
Camera	Image Sensor	1/2.7" 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	2.8mm, F2.0
	Angle of View	Horizontal: Approx. 110° / Vertical: Approx. 81.5°
	Shutter Time	1/5000s to 1/2s
	Day/Night Performance	Digital Day/Night
	WDR Performance	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	1920x1080, 1280x720, 1120x630, 960x540, 800x450, 640x360, 480x270, 320x180
	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
	Application Programming Interface	Software Development Kit (SDK) available. ONVIF Compliant (Profile S)
	Event Sources	Video Motion Detection; Tamper Detection; Imbedded Intelligence; Network Setting Change
	Event Actions	File upload: E-mail, FTP / Notification: E-mail, FTP, HTTP, TCP
	Event Metadata Streaming (RTSP/RTP)	Video Motion Detection (MD); Imbedded Intelligence (Video Content Analytics)
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
Imbedded Intelligence (optional)	Camera Shake Cancellation	Supported
	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
Physical	Meta Data	Plain XML Format
	Material	Aluminum Die-Casting (Vandal Resistance)
	Edge Storage	1x MicroSD/MicroSDHC memory card slot (card not included)
	Users	Live viewing for up to 10 clients
	Power Source / Consumption	PoE / 2.4W @ PoE
	Operating Temp / Humidity	32°F ~ 104°F (0°C ~ 40°C) / Humidity up to 85% RH (non-condensing)
	Dimensions	4.2" ø x 2.2" H / 105.5mm ø x 55.5 H
	Weight	0.6 lbs / 270g
Certifications	ONVIF Compliant (profile S), FCC, CE, KC, IK09	

All specifications are subject to change without notice