Onvif
Profile (S) Compliant

1080p IP Domes with GXi Technology

GANZ PixeIPro *WITH* **GXi** TECHNOLOGY

The ZN-D312XE-M and ZN-D352XE feature GXi Technology maximizing the 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 3-9mm lens
- Imbedded Intelligence Technology
- WDR and True Day/Night Performance
- Indoor and outdoor models
- **ProSet** system allows zoom and focus directly from your PC (indoor model)
- Text overlay for easy identification of video
- Video motion detection
- Dual-Streaming IP Video - H.264 and MJPEG compression
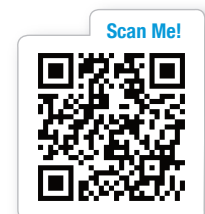- Full video recording to SD cards (card not included)
- ONVIF Profile (S) compliant
- 12 VDC/PoE (IEEE 802.3af)
- IP66 for all weather use (outdoor model)

Network Video Devices

Scan Me!

CBC (AMERICA) Corp.
CBC GROUP

GANZ PixelPro with GXi Technology

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■ Specifications

Models		ZN-DN312XE-M	ZN-DNT352XE
Camera	**Description**	Indoor Dome with **ProSet** Remote Zoom & Focus	Outdoor Dome, 3-9mm Varifocal lens
	Image Sensor	1/2.7" CMOS	
	Effective Pixels	1920 x 1080	
	Scanning System	Progressive scanning	
	AGC Control	Auto	
	Auto IRIS (DC)	Supported	
	Minimum Illumination	Color: 0.5 Lux B/W, 0.001 Lux (DSS ON)	
	Lens	3-9mm, F1.2, Optical 3x	
	Angle of View	Horizontal: Approx. 93° (Wide) to 31.7° (Tele) / Vertical: Approx. 68.4° (Wide) to 23.8° (Tele)	
	Shutter Time	1/5000s to 1/2s	
	Day/Night Performance	True Day & Night (Removable IR-cut filter)	
	WDR Performance	Digital WDR	
Video	**Video Compression**	H.264 Baseline, Main, High profile, MJPEG (Motion JPEG)	
	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	
	Burnt-in Text	Time stamp and text caption overlay	
	Privacy Mask	4 configurable regions	
	Analogue Output	NTSC / PAL (3 minutes, only for installation purpose)	
Audio	**Audio Streaming**	Two-way	
	Audio Compression	G.711-uLaw	
	Audio input / output	Supported	
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 (ABS); Ivory	Aluminum, Anti-vandal bubble (PC); 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 / 4.92W @ DC 12V	DC 12V, PoE / 14.52W @ DC 12V
	Operating Conditions	Humidity up to 85% RH (non-condensing)	
	Operating Temp.	32°F ~ 122°F /0°C ~ 50°C	-40°C ~ 50°C (-40°F ~ 122°F); [PoE] 0°C ~ 50°C (32°F ~ 122°F); Built-in heater
	Dimensions	5.7" ø x 4.8" / 144mm ø x 121mm H	TBD
	Weight	1.1 lbs / 520g	2.6 lbs / 1.2kg
	Approvals	ONVIF Compliant (Profile S), FCC, CE, KC	ONVIF Compliant (Profile S), FCC, CE, KC, IP66, IK10