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)

CBC GROUP CBC (AMERICA) Corp.

Network Video Devices

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

All specifications are subject to change without notice

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