Onvif
Profile (S) Compliant
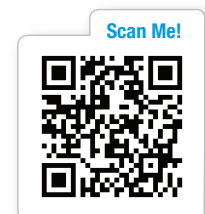
1080p IP PTZ Domes with GXi Technology

GANZ
WITH GXi TECHNOLOGY
PixeIPro

The ZN-PTZ202XE / ZN-PTZ202XE-XT 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
- Imbedded Intelligence Technology
- WDR and True Day/Night Performance
- 20x Optical / 8x Digital Zoom (selectable)
- Indoor and outdoor models
- Built-in auto tracking license
- 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
- 24 VAC/PoE + (IEEE 802.3at)
- IP66 for all weather use (outdoor model)

Scan Me!

Network Video Devices

CBC GROUP **CBC** (AMERICA) Corp.

■ Specifications

Models		ZN-PTZ202XE	ZN-PTZ202XE-XT
Camera	Description	Indoor IP PTZ Dome	Outdoor IP PTZ Dome
	Image Sensor	1/3" 1080p CMOS	
	Effective Pixels	1920 x 1080	
	Scanning System	Progressive scanning	
	AGC Control	Auto	
	Auto IRIS (DC)	Supported	
	Minimum Illumination	Color: 1.5 Lux (50 IRE) / 0.02 Lux (Sens-up), B/W: 0.001 Lux (Sens-up)	
	Lens	4.45mm-89mm, F1.6-F2.9, Optical 20x Digital 8x	
	Angle of View	Horizontal: 55.56° (Wide) to 3.10° (Tele) / Vertical:43.32° (Wide) to 2.34° (Tele)	
	Shutter Time	1/5000s to 1/2s	
	Day/Night Performance	True Day & Night (Removable IR-cut filter)	
	WDR Performance	60 dB	
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 resolutions	
	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	ATW / Indoor / Outdoor / 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 Zone	8 configurable regions	
	Analog Output	BNC, NTSC / PAL	
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	
PTZ	Zoom Ratio	Optical 20x, Digital 8x	
	Manual Zoom Speed	3.3 ~ 7.4 sec (1x to 20x)	
	Preset Zoom Speed	3.3 sec (1x to 20x)	
	Pan / Tilt Range	Pan Range: 360° Endless Rotation, Tilt Range: -5° ~ 185°, Auto-flip	
	Manual Pan / Tilt Speed	0.01° ~ 120° / sec	
	Preset Pan / Tilt Speed	600° / sec	
	Control	255 preset points; 6 tours; auto panning; auto run	
	System Accuracy	±0.1° (preset point), 0.0009765625° (resolution)	
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	
	Auto tracking	Supported	
Imbedded Intelligence (optional)	Detection Behavior	Enter, Exit, Appear, Disappear, Stop, Direction, Dwell filter; Tailgating;	
	3D Behavior	Perspective Corrected Size and Speed Filters	
	Counting / Counting Line	20 counters in total / High accuracy people and vehicle counting	
	Meta Data	Plain XML Format	
Physical	Material/ Color	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	24VAC, PoE+(802.3at) / 18W @ 24VAC	24VAC, PoE (802.3at) / 52W (heater on) @ 24VAC
	Operating Conditions	Humidity up to 85% RH (non-condensing)	
	Operating Temperature	24VAC/PoE+: 32°F ~ 122°F(0°C ~ 50°C); Built-in fan	24VAC: -40°F ~ 122°F (-40°C ~ 50°C); PoE+: 32°F ~ 122°F (0°C ~ 50°C); Built-in fan & heater
	Dimensions	7.1" ø x 9.5" / 180mm ø x 240mm H	9.1" ø x 11.7" / 232mm ø x 296.4mm H
	Weight	4.6 lbs / 2100g	10.1 lbs / 4600g
	Certifications	ONVIF Compliant (Profile S), FCC, CE, KC	ONVIF Compliant (Profile S), FCC, CE, KC, IP66, IK10

All specifications are subject to change without notice