STARVIS

8MP IR IP Domes w/ GXi Embedded Intelligence

GANZ PixelPro WITH GXi TECHNOLOGY

ZN1A-D8DTMZ56U

Features:

- 8 Megapixel @ 30fps
- 1/2.8" SONY STARVIS Exmor Sensor
- True Day / Night and WDR
- 2.7~13.5mm P-Iris Lens (8MP)

- VCA Technology Video Analytics
- Superior Low Light Performance
- ProSet Remote Zoom and Focus
- 2 IR LEDs up to 40 Meter

Network Devices

CBC GROUP **CBC** AMERICA

8MP IR IP Domes w/ GXi Embedded Intelligence

☐ Specifications (Part 1)

Model		ZN1A-D8DTMZ56U
Camera	Image Sensor	1/2.8" SONY STARVIS Exmor 8MP CMOS
	Effective Pixels	3840 X 2160
	Scanning System	Progressive scanning
	AGC Control	Auto
	Iris Type	P-Iris
	Minimum Illumination	Color: 0.09 Lux (DSS on) / B/W : 0 Lux (IR on)
	Lens	2.7mm ~ 13.5mm, F1.4 with Motorized Focus & Zoom
	Angle of View	Horizontal: Approx. 96° (Wide) to 32° (Tele)
	Shutter Speed	Automatic / Manual: 1/30 ~ 1/32,000, Anti-Flicker, Slow Shutter (1/2, 1/3, 1/5, 1/6, 1/7.5, 1/10)
	Day/Night Performance	True Day / Night (ICR)
	Wide Dynamic Range	True WDR, 120dB or above
	S/N Ratio	50 dB
Video	Video Compression	H.265, H.264 Baseline, Main, High profile, MJPEG (Motion JPEG)
	Multiple Profile Streaming Performance	3840 x 2160 @30fps with H.264, H265 & MJPEG
	Max Resolution	3820 x 2160
	Video Bit Rate	100Kbps ~ 10Mbps Multi-rate for Preview and Recording
	Bit Rate Control	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)
	Digital Noise Reduction	3D-DNR
	ROI (Region of Interest)	Supported
	SMART Bitrate Control	Supported
	Analog Output	1 (Installation only) CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
	Other Image Processing	Configurable Exposure, White Balance, Sharpness
	Privacy Mask	16 programmable zones
Audio	Audio Streaming	Two Way
	Audio Compression	G.711
	Audio Input / Output	1/1
Event	Event Trigger	Motion Alarm, Temperature critical, DI
	Pre-Post Recording	Pre: 1~5 sec / Post: 1~240 sec
	Event Notification	FTP, E-mail, Alarm-out, SD card
Network	Ethernet Standard	10 / 100 Base-T
	IP	IPv4
	Protocol	TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB-2), ONVIF
	Security	HTTPS (SSL), IP Filtering, 802.1x, Digest Authentication
	Plug In	ONVIF Profile S, G, Q & T, CGI API

All specifications are subject to change without notice.

☐ Specifications (Part 2)

Model		ZN1A-D8DTMZ56U
Embedded Intelligence (standard)	Analytics Engine	VCA Technology's advanced tracking algorithm with rich library of detection behaviors
	Detection Zones	40 zones (Multi-segment Polygons and Lines) in total
	Rules	60 rules in total
	Tamper Detection	Supported
Embedded Intelligence (optional)	Detection Behavior	Enter, Exit, Appear, Disappear, Stop, Direction, Dwell filter; Tailgating; Color Filter
	Logic Rules	Extends standard rules to allow various combinations of the inputs
	3D Behavior	Perspective Corrected Size and Speed Filters
	Object Classification	Configured Max./Min. object sizes and Max./Min. speeds
	People Tracking	Tracks individuals separately among overlapped multiple people
	Counting	20 counters in total
	Counting Line	High accuracy people and vehicle counting
	Counter Report	Generates counter reports based on the counter database
	Heatmap Report	Shows relative crowd density of the 24 hour period (criterion: midnight)
	Meta Data	JSON format, Plain XML Format
Edge Storage	Storage	1x MicroSD memory card slot / microSDHC / microSDXC (card not included)
Physical	Material	Aluminum Die-Casting; White
	Language	English
	IR LEDs	2 Smart IR LEDs (40 meter)
	Power Source	12VDC, PoE (IEEE 802.3af)
	Power Consumption	12VDC Max. 7.5W / PoE Max 9.5W
	Operating Conditions	[12VDC/PoE] -40°F ~ 122°F (-40°C ~ 50°C) / Humidity 10% to 90% RH (non-condensing)
	Dimensions	Ø125 x 92 mm
	Weight	0.85 Kg
	Certifications	FCC, CE, BIS, EN, IP67, IK10

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