STARVIS

2 & 5 MP IR IP Bullets w/ GXi Embedded Intelligence

GANZ PixelPro *WITH GXi TECHNOLOGY*

ZN1A-B4DMZ52U / B6DMZ52U

Features:

- 2 & 5 Megapixel @ 30fps

- 1/2.8" SONY STARVIS Exmor Sensor

- True Day / Night and WDR

- 6~50mm P-Iris Lens

- VCA Technology Video Analytics

- Superior Low Light Performance

- ProSet Remote Zoom and Focus

- 6 IR LEDs up to 50 Meter

Network Devices

CBC GROUP CBC AMERICA

ZN1A-B4/6DMZ52U 2 & 5MP IR IP Bullets w/ GXi Embedded Intelligence

☐ Specifications (Part 1)

Model		ZN1A-B4DMZ52U	ZN1A-B6DMZ52U
Camera	Image Sensor	1/2.8" SONY STARVIS Exmor 2.13MP CMOS	1/2.8" SONY STARVIS Exmor 5MP CMOS
	Effective Pixels	1920 x 1080	2592 x 1944
	Scanning System	Progressive scanning	
	AGC Control	Auto	
	Iris Type	P-Iris	
	Minimum Illumination	Color: 0.08 Lux (DSS on) / B/W : 0 Lux (IR on)	
	Lens	6mm ~ 50mm, F1.6 with **ProSet** Motorized Focus & Zoom	
	Angle of View	Horizontal: Approx. 40.8° (Wide) to 6.9° (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	1080p @30fps & D1(704x480 or 704x576) @30fps with H.264, H.265 & MJPEG	2592 x 1944 @30fps & 480 @30 fps with H.264, H265 & MJPEG
	Max Resolution	1920 x 1080	2592 x 1944
	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	
	Video Stablilization	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.

ZN1A-B4/6DMZ52U 2 & 5MP IR IP Bullets w/ GXi Embedded Intelligence

☐ Specifications (Part 2)

Model		ZN1A-B4DMZ52U	ZN1A-B6DMZ52U
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	
	External I/O Terminals	1x Alarm In, 1x Alarm Out	
	Language	English	
	IR LEDs	6 Smart IR LEDs (50 meter)	
	Power Source	12VDC, PoE (IEEE 802.3af)	
	Power Consumption	12VDC Max. 9W / PoE Max 10.5W	
	Operating Conditions	[12VDC/PoE] -40°F ~ 122°F (-40°C ~ 50°C) / Humidity 10% to 85% RH (non-condensing)	
	Dimensions	9.7" x 3.8" / 247.2mm x 96.7mm	
	Weight	1.98 lbs / (900 g)	
	Certifications	FCC, CE, BIS, EN, IP67, IK09	

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