**STARVIS**

## 2 & 5 MP IR IP Domes with GXi Embedded Intelligence

**GANZ PixelPro** *WITH* **GXi** TECHNOLOGY

# ZN1A-D4DTMZ56U-1 / D6DTMZ56U-1

## Features:

- 2 & 5 Megapixel @ 30fps
- 1/2.8" SONY STARVIS Exmor Sensor
- True Day / Night and WDR
- 2.8~12mm P-Iris Lens (2MP)
- 2.7~13.5mm P-Iris Lens (5MP)

- VCA Technology Video Analytics
- Superior Low Light Performance
- ProSet Remote Zoom and Focus
- 2 IR LEDs up to 30 Meter

**Network Devices**

## CBC GROUP   CBC AMERICA

## ☐ Specifications (Part 1)

| Model | | ZN1A-D4DTMZ56U-1 | ZN1A-D6DTMZ56U-1 |
|---|---|---|---|
| **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 | 2.8mm ~ 12mm, F1.4 with Motorized Focus & Zoom | 2.7mm ~ 13.5mm, F1.4 with Motorized Focus & Zoom |
| | Angle of View | Horizontal: Approx. 95° (Wide) to 35° (Tele) | 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 | 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 | |
| | 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-D4DTMZ56U-1 | ZN1A-D6DTMZ56U-1 |
|---|---|---|---|
| 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 (30 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 | Ø125mm x 92mm | |
| | Weight | 0.5Kg | |
| | Certifications | FCC, CE, BIS, EN, IP67, IK10 | |

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