



16MP 360° Surround View Outdoor IP Camera **ZN1A-MS4E**

Features:

- 4x 4MP (16MP) 1/3" Progressive scan sensor
- 4MP at 30fps per sensor
- 2.8mm, 4mm, 6mm and 8mm lens module options
- Flexible positioning for four camera heads
- Easy position setting by a magnet
- One IP address for four cameras
- True Day/Night and True WDR
- IP66 rated for outdoor performance

ZN1A-MS4E

16MP 360° Surround View IP Camera

■ Specifications

| MODELS | | |
|--|--|---|
| Camera | ZN1A-MS4E | Enclosure with 4x 4MP Cameras (no lenses) |
| Lens Module Options | ZN1A-MSL-28 - 2.8mm lens module | ZN1A-MSL-60 - 6.0mm lens module |
| | ZN1A-MSL-40 - 4.0mm lens module | ZN1A-MSL-80 - 8.0mm lens module |
| Image Sensor | 4 x 4MP 1/3" Progressive scan sensor | |
| Effective Pixels | 2688(H) x 1520(V) per sensor | |
| Scanning System | Progressive scanning | |
| AGC Control | Auto | |
| Iris Type | Auto Exposure | |
| Minimum Illumination | 0.41 Lux, F2.0 | |
| Angle of View | 2.8mm D 104°, H 90°, V 55° | |
| | 4mm (F2.0) - D 101°, H 81°, V 43° | |
| | 6mm (F2.0) - D 59°, H 51°, V 29° | |
| | 8mm (F2.0) - D 44°, H 39°, V 22° | |
| Shutter Time | Auto / Manual: 1/30 ~ 1/32,000, Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/10) | |
| Day/Night Performance | True Day & Night (Removable IR-cut filter) | |
| Wide Dynamic Range | True WDR (2x, 3x), 120 dB or above | |
| S/N Ratio | 50 dB | |
| Video Compression | H.264, MJPEG | |
| H.264 Profile | BP / MP / HP | |
| Multiple Profile Streaming Performance | For each sensor - 1st : H.264, 1440p, 30fps / 2nd : H.264, VGA, 30fps / 3rd : MJPEG, SVGA, 10fps | |
| Support Resolution | H.264 : 1440p/1080p/720p/VGA/D1/CIF/ MJPEG : 800x600/VGA/768x432/D1/CIF | |
| Video Bit Rate | 100Kbps ~ 10Mbps, Multi-rate for Preview and Recording | |
| Bitrate Control | Multi Streaming CBR/VBR at H.264 (Controllable frame rate and Bandwidth) | |
| Digital Noise Reduction | 3D-DNR | |
| Privacy Mask | 16 programmable zones per sensor | |
| Smart AVC | Supported (Advanced Video Coding) | |
| Dynamic Region of Interest | Supported | |
| Other Image Processing | Configurable Exposure, White Balance, Sharpness | |
| Analog Output | 1 (Installation only), CVBS 1.0V p-p (75 Ω), 4:3 aspect ratio, Sensors selectable | |
| Audio Compression | G.711 | |
| Audio input / output | 1 / 1 (Master In/Out) | |
| Event Trigger | Motion, Alarm, Temperature critical | |
| Pre-Post Recording | Pre: 1~5 sec / Post: 1~240 sec | |
| Event Notification | FTP, E-mail, Alarm-out, SD card | |
| Ethernet Standard | 10 / 100 Base-T | |
| IP | IPv4, IPv6 | |
| Protocol | Zero configuration (Auto IP) ONVIF, TCP/IP, UDP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3 (MIB-2) | |
| Security | HTTPS (SSL), IP Filtering, Digest Authentication (ID / PW), IEEE802.1X | |
| Plug In | ONVIF Profile S, CGI API | |
| Material | Aluminum Die-casting | |
| External I/O Terminals | 1 x Alarm In / 1 x Alarm Out | |
| Power Source / Consumption | 12VDC, PoE+ / max 18W at DC12V | |
| Operating Conditions | -4°F ~ 12°F / -20°C ~ 50°C / Humidity 10 ~ 90% RH (non-condensing) | |
| Edge Storage | 4 x microSD / microSDHC / microSDXC (card not included) | |
| Weight | 4.4 lb 2.0 kg | |
| Dimensions (W x H) | 7.5 ø x 3.5" (190mm ø x 90mm) | |
| Certifications | FCC, CE, ROHS, IP66, ONVIF Profile S | |

Specifications are subject to change without notice.

*Does not include analytic options

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