

# ADK-DI4M2.8-12N

## 4 MEGA PIXEL Network IR Vandal-proof Dome Camera



### FEATURE

- High-Performance Image Processing Sensor  
2/3MP Full-time & 4MP/20fps Resolution.
- H.264, Smart-AVC, Dynamic Region of Interest ROI,  
Low Latency, Low Bit Rate.
- 4 Auto Control: AWB, AGC, AE (Auto Exposure), AIC (Auto Iris Correction)  
Provide Superior HD and Superior Color Reproduction Image .
- Specially Designed for Low-light Environment, Provide Excellent Low-light  
Image Visual Effect Even at Night or in Poor Illumination Situation.
- Smart IR, Hardware Clock and Watchdog.
- Integrated Ethernet Port: Anti-static, Lightning Protection;  
Power: Anti-reverse, Lightning, Short Circuit Protection.
- Support ONVIF/ GB28181 Protocol, Compatible.
- DC12V (AC 24V or POE Optional).
- Vandal-proof (IEC 60068-2-75 test, Eh, 50J; EN 50102, over IK10); IR 100m/ White Light Distance 30m.

### SPECIFICATION

| Model  | Model No.         | ADK-DM1.3M2.8-12N                                   | ADK-DI2M2.8-12N                                     | ADK-DI4M2.8-12N                                     |
|--------|-------------------|---|---|---|
|        | Type              | 1.3 Mega IR Zoom Vandal-proof dome camera           | 2 Mega IR Zoom Vandal-proof dome camera             | 3 Mega IR Zoom Vandal-proof dome camera             |
| Camera | Image Sensor      | 1/3" 4MP Progress Scan CMOS                         | 1/3" 4MP Progress Scan CMOS                         | 1/3" 4MP Progress Scan CMOS                         |
|        | Min. Illumination | Color: 0.018Lux @ F1.2<br>B/W : 0 Lux (IR Light on) | Color: 0.018Lux @ F1.2<br>B/W : 0 Lux (IR Light on) | Color: 0.018Lux @ F1.2<br>B/W : 0 Lux (IR Light on) |
|        | IR Distance       | 30m   |   |   |
|        | Electronic        | 1/10000s to 1/25s                                   |   |   |

|             |                        |   |  |   |
|-------------|------------------------|---|--|---|
|             | Shutter                |   |  |   |
|             | Lens                   | 2.8~12mm  |  |   |
|             | DNR                    | 3D  |  |   |
|             | S/N Ratio              | >50dB   |  |   |
|             | Aperture               | DC-iris connector DC drive auto / manual / fixed iris lens  |  |   |
|             | Day/Night              | ICR Filter Switch, Manual, Automatic, Timing, Alarming Switch.  |  |   |
|             | WDR                    | dWDR  |  |   |
|             | HLC                    | Support Electronic Shutter, Gain Control and High Light Control   |  |   |
|             | BLC                    | ON / OFF  |  |   |
| Compression | Video Compression      | H.264 High Profile @ Level 5.1 / MJPEG, (32 Kbps – 8Mbps, Smart-AVC stream 600Kbps @1080p30)  |  |   |
|             | Code Stream            | VBR/ CBR/Limit rate   |  |   |
|             | Audio Compression      | G.711 / AAC / MP2 G.711(64Kbps) / MP2(16kHz 16bit 32kbps)   |  |   |
| Image       | Max. Size              | Full HD 1024P(1280x1024) + Full D1<br>Multi Code Stream Output  | Full HD 1080P(1920x1080) + Full D1<br>Multi Code Stream Output | 2MP/3MP/4MP + Full D1<br><br>(4MP: 2688x1512,<br>3MP:2304x1296) |
|             | Frame Rate             | 25fps (30fps optional)  |  |   |
|             | Setting                | Adjustable Image Format, Standard, Code Rate, Brightness, Contrast, Saturation, Sharpness, White Balance, Image Flip, and Mirror (Passage Mode)4A Auto Control, AWB, AGC,AE, AIC, Privacy Mask, No hangover DNR Technology; Support over 3 different contents in any area, including Date, Time, Week, Channel Name, Remark and other information in OSD Menu; Image Flip: Normal 90°/ 180°/ 270°, Automatic, manual or scheduled day / night mode , image mode latitude and longitude , and optional support for digital wide dynamic ; anti-flicker , watermarking technology , set the access port |  |   |
|             | Exposure               | Dark exposure , the center of exposure , average exposure , exposure and other designated areas Optional  |  |   |
|             | ICR                    | Manual, Automatic, Timing, Alarming Switch.   |  |   |
| Network     | Intelligent Alarm      | Face detection , motion detection, sensor alarm linkage , cross-border detection, intrusion detection area , detect objects left behind , shot blocking , traffic statistics  |  |   |
|             | Dynamic ROI            | Dynamic ROI setting, Support to set fixed or dynamic tracking respectively  |  |   |
|             | Protocols              | IPv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP/RTSP, FTP, DHCP, DDNS, NTP, IGMP, ICMP  |  |   |
|             | Onvif                  | Support   |  |   |
|             | Standard GBT28181      | Support (Optional)  |  |   |
| Interface   | General                | Password Protection, Multi-access Control, Support Unicast and Multicast, 8 users access upon Unicast ,Support IP Address Filtration Control; UPnP Protocols, easily search and manage IP cameras in batch ,Continuous Transmit once Internet Reconnected, Redundancy Transmit Function, Support Auto Timing and Remote Upgrade   |  |   |
|             | Audio Interface        | 3.5mm Microphone/ Line in, 3.5mm Line out   |  |   |
|             | Communication          | RS485(Optional)   |  |   |
|             | Alarm                  | 1ch Input / 1ch Output(Optional)  |  |   |
|             | POE                    | Support( Optional)  |  |   |
|             | Storage card interface | Optional(Built-in)  |  |   |
| General     | Video Output           | RJ45(10/100M Self-adaptive)+ CVBS   |  |   |
|             | Working Conditions     | -10°C – 50°C; 10% to 90%, non-condensing  |  |   |
|             | Vandal-proof           | Vandal-proof (IEC 60068-2-75 Test,Eh,50J;EN 50102, over IK10)   |  |   |

|                      |                               |
|----------------------|-------------------------------|
| Adjustment Range     | 3-Axis rotation               |
| Power Supply         | DC12V (AC24V or PoE Optional) |
| Dimension(mm)        | 130(Φ)x115(H)mm               |
| Weight(with package) | 1170g                         |

For Financial, Supermarket, Telecom, Government, School, Airport, Factory, Hotel and Other places need to be vandal-proof.

**Dimension** (Unit : mm )

