

IP68

30X

3MP

30fps



- ATEX Zone 1&2 / 21&22
- smart windshield wiper optional
- Made of 304 stainless steel material (316,316L for optional)
- Low power consumption, the fuselage internal air convection heat dissipation design, can work continuously for a long time
- Well design for Explosion-proof, anti-corrosion, waterproof, suitable for indoor and outdoor environment
- Class I Division 1&2 / Class II Division 1&2 and all the rest except zone 0

## EX Marking



## Certificates



## Markets



|                                                                                   |                          |                                                                                      |
|-----------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------|
|  | Ex-Level                 | ATEX<br>II 2G Ex d IIC T6 Gb<br>II 2D Ex tb IIIC IP68 T80°C Db                       |
|                                                                                   | Ingress Protection level | IP68                                                                                 |
| Camera                                                                            | Imaging sensor           | 1/2.8" Progressive Scan CMOS                                                         |
|                                                                                   | Signal System            | PAL/NTSC                                                                             |
|                                                                                   | Minimal illumination     | Color : 0.05Lux @ (F1.6, AGC ON)                                                     |
|                                                                                   | Communication method     | BW : 0.01Lux @ (F1.6, AGC ON)                                                        |
|                                                                                   | Day/Night                | ICR auto switch                                                                      |
|                                                                                   | SNR                      | >52dB                                                                                |
|                                                                                   | Electronic shutter       | 1/15 ~ 1/30,000S                                                                     |
|                                                                                   | resolution ratio         | 50Hz: 25fps (2048×1536) 、 25fps (1920×1080)<br>、 25fps (1280×960) 、 25fps (1280×720) |
|                                                                                   |                          | 60Hz: 30fps (2048×1536) 、 30fps (1920×1080)<br>、 30fps(1280×960) 、 30fps(1280×720)   |
|                                                                                   | 3DDNR                    | Support                                                                              |
|                                                                                   | White balance            | 1/ 2Automatic / manual / indoor / outdoor<br>lamp / fluorescent lamp                 |
| Lens                                                                              | focal distance           | 4.3-129mm, 30x                                                                       |
|                                                                                   | Aperture                 | F1.6 – F5.0                                                                          |
|                                                                                   | horizontal view angle    | 65.5-2.11 degree (Wide-Tele)                                                         |
|                                                                                   | Min-working distance     | 10-1500mm (Wide-Tele)                                                                |
|                                                                                   | Zoom speed               | Approx.3s (Optical Wide-Tele)                                                        |

|                      |                            |                                                                                                                   |
|----------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------|
| Menu control         | exposure mode              | Auto exposure / aperture priority / shutter priority / manual exposure                                            |
|                      | Focusing mode              | Auto /manual /one time focusing                                                                                   |
| Compression standard | Video compression standard | H.264 /H.265/MJPEG                                                                                                |
|                      | Output compression rate    | 32 Kbps~16Mbps                                                                                                    |
|                      | Audio compression standard | G.711-a law、 G.711-u law、 G.726                                                                                   |
| Image                | Image set                  | Saturation, brightness, contrast                                                                                  |
| Net                  | Memory                     | Support micro SD                                                                                                  |
|                      | Intelligent alarm          | motion detecting, fault block alarm the memory full, memory fault                                                 |
|                      | Support protocols          | TCP/IP、 HTTP、 DHCP、 DNS、 DDNS、 RTP、 RTSP、 PPPoE、 SMTP、 NTP、 UPnP、 SNMP、 FTP、 802.1x、 QoS、 HTTPS、 IPv6 (SIP、 SRTP、 |
|                      |                            | Optional                                                                                                          |
| IR                   | The IR wavelength          | 808nm                                                                                                             |
|                      | Light angle                | ≥ 25°                                                                                                             |
|                      | Irradiation distance       | 100 m                                                                                                             |

|                     |                                      |                                                    |
|---------------------|--------------------------------------|----------------------------------------------------|
| PTZ function        | Rotation range                       | Horizontal : 0~360°Vertical: : ±90°                |
|                     | Rotation speed                       | Horizontal : 0.1°/S~40°/s Vertical: : 0.1°/S~40°/s |
|                     | monitoring location                  | 255 locations can be set                           |
|                     | Communication method                 | RS485                                              |
|                     | Boad rate                            | 2400 / 4800 / 9600 bps                             |
|                     | Communication protocol               | PELCO—D、PELCO—P etc                                |
|                     | monitoring location setting accuracy | ±0.1°                                              |
| Interface           | Audio input                          | 1 path (optional )                                 |
|                     | Audio output                         | 1 path (optional )                                 |
|                     | Alarm input                          | 1 path (optional )                                 |
|                     | Alarm output                         | 1 path (optional )                                 |
|                     | Interface protocols                  | ONVIF、PSIA、CGI                                     |
| Other specification | Temperature range                    | -40°C~60°C                                         |
|                     | Relative humidity                    | ≤ 95% (+25°C)                                      |
|                     | Atmospheric pressure                 | 80kpa~106 kpa                                      |
|                     | Material                             | 304 stainless steel (316, 316L for optional)       |
|                     | Supply voltage                       | AC85V-260V                                         |
|                     | Inlet hole specifications            | G-3/4"x 1                                          |
|                     | Electrical connection                | 10-core composite cable                            |
|                     | Thermostat System                    | Optional                                           |
|                     | Installation method                  | bracket or base installation                       |
|                     | weightNN                             | 18.5Kg                                             |