2 Megapixel Full HD Network
Small IR Bullet Camera with IR & POE

IP-82 OVERVIEW

- 1/3" 2 Megapixel progressive scan Exmor CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1080P (1920x1080)
- DWDR, Day/Night (ICR), 2DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS (PSS/SmartPSS) & ICRSS
- 3.6mm fixed lens
- Max. IR LEDs Length 60 feet
- IP66 - Weatherproof
- PoE - Power Over Ethernet
### SPECIFICATIONS

**Camera**
- Image Sensor: 1/3"2 Megapixel Exmor CMOS
- Effective Pixels: 1920(H)x1080(V)
- Scanning System: Progressive
- Electronic Shutter Speed: Auto/Manual, 1/4–1/10000s
- Min. Illumination: 0.1 Lux/F1.2 (Color), 0.01Lux/F1.2(B/W); 0 Lux/F1.2(IR on)
- S/N Ratio: >50dB
- Max. IR LEDs Length: 60 feet
- Day/Night: Auto(ICR) / Color / B/W
- Backlight Compensation: BLC / HLC / DWDR
- White Balance: Auto
- Gain Control: Auto/Manual
- Noise Reduction: 2D
- Privacy Masking: Up to 4 areas

**Lens**
- Focal Length: 3.6mm
- Max Aperture: F1.6
- Angle of View: H:70°(46°)
- Lens Type: Fixed lens
- Mount Type: Board-in Type

**Video**
- Compression: H.264 / MJPEG

**Resolution**
- Main Stream: 1080P/720P(1 ~ 25/30fps)
- Sub Stream: D1/CIF(1 ~ 25/30fps)
- Bit Rate: H.264: 32K ~ 8192Kbps, MJPEG: 32K ~20480Kbps

**Network**
- Ethernet: RJ-45 (10/100Base-T)
- ONVIF: OnVIF Ver. 2.0
- Max. User Access: 10 users
- Smart Phone: iPhone, iPad, Android, Windows Phone
- General: 1080P(1920x1080) / 720P(1280x720) / D1(704x480) / CIF(352x240)
- Power Supply: DC12V, PoE (802.3af)
- Power Consumption: <5W
- Working Environment: -10°C~+60°C, 10%~90%
- Ingress Protection: IP66 - Weatherproof
- Dimensions: Ø113mmx86mm