

## 2 MegaPixel 3.3-12mm VF Full HD Vandal Proof IP Bullet Camera with IR & POE

### IP-84 OVERVIEW

- ◆ 1/3" 2.0 Megapixel SONY Progressive Scan Exmor CMOS image sensor
- ◆ High-performance TI DaVinci series DSP
- ◆ H.264E video compression and JPEG image capture
- ◆ 30fps @ 1080P resolution
- ◆ Support True Day/Night
- ◆ Dual encoding streams supported
- ◆ Built-in IR Distance: up-to 60ft
- ◆ Built-in 3.3~12mm/F1.6 CS Auto Iris lens
- ◆ Support Alarm I/O interface
- ◆ Support max 32GB Micro SD card for local storage
- ◆ IP66 Waterproof protection
- ◆ Multiple network monitoring: web view, CMS (DSS/PSS) & DMSS
- ◆ DC12V power supply, POE



## SPECIFICATIONS

### GENERAL

Processor: TI DaVinci Series DSP  
Operating System: Embedded LINUX  
Resource: Simultaneous remote monitoring, local recording and remote control  
User Interface: WEB, CMS(PSS), ICRSS, NVR

### Camera

Image Sensor: 1/3" 2.0 Megapixel SONY progressive scan Exmor CMOS  
Effective Pixels: 1920 (H)x1080(V)  
Electronic Shutter: Auto/Manual, 1/60~1/10000s  
Mini. Illumination: 0.1LUX/F1.6(Color), 0.01LUX/F1.6(B/W), 0Lux(IR ON)  
Signal Noise Ratio: >50dB  
Gain Control: Auto/Manual  
White Balance: Auto/Manual  
Day/Night: ICR  
Lens Mount: CS Mount  
Lens Built-in : 3.3~12mm/F1.6 Auto Iris

### Video

Compression: H.264E/MJPEG/JPEG  
Image Resolution: 1080P(1920x1080)/720P(1280x720)/D1(704x480)  
Main Stream: 1080P/720P/ D1/CIF/VGA(1~30fps)  
Extra Stream: D1/CIF (1~30fps)  
Bit Rate: 56Kbps~8192Kbps  
Snapshot Fastest: 1fps JPEG capture  
Analog Output: 1 channel BNC(1.0Vp-p, 75Ω)

### Audio

Compression: G.711a / G.711u / PCM  
Video Format: NTSC  
Bit Rate: 128kbps/64kbps/10.2kbps  
Input: 1 channel, 3.5mm JACK LINE IN  
Output: 1 channel, 3.5mm JACK SPEAK OUT  
Bidirectional Talk: The same with the audio input channel

### Network

Ethernet: RJ-45 (10/100Base-T)  
Network Functions: HTTP,TCP/IP,ARP,IGMP,ICMP,RTSP,RTP,UDP,RTCP,SMTP,FTP,DHCP, DNS,DDNS, PPPOE,UPNP,NTP,Bonjour,SNMP, Remote OperationMonitor, PTZ control, Playback, System setting, File download, Log information, Maintenance & Upgrade, Auxiliary Interface, SD Card Micro SD Card, Max 32GB, local storage

Alarm: 2 Input/ 1 Output

### Environmental

Max IR Distance: 60 feet (20m)  
Power Supply: DC12V, PoE  
Consumption: <10W  
Ingress Protection: IP66 Weatherproof, IK10 Vandalproof  
Environment: -14°F~140°F / -25°C~+60°C, 10%~90%  
Dimensions: 4.09"x12.07" / ?104 mm x 306.7 mm  
Weight: 2.5lb/1.25g

