



# Kodio

## BOIP-13IR BOIP-20IR

### Weatherproof IP Bullet Camera

#### Key Features

- \* Image Sensor : 1/2.8" SONY Starvis back illumination CMOS
- \* Auto Electronic Shutter (AES)
- \* Weatherproof Metal
- \* Scanning Mode
- \* Water resistance : IP66

#### Specification

| DETAILS   | BOIP-13IR   | BOIP-20IR                 |
|---|---|---------------------------|
| Image Sensor  | IMX225  | IMX290                    |
| Main Processor  | Hi3518E   | HI3516D                   |
| Resolution  | 960P  | 1080P                     |
| Effective Pixels  | 1305(H)*977(V)  | 1945(H)*1097(V)           |
| Compression   | H.264/JPEG/AVI  | H.264/H.265/JPEG/AVI      |
| TV System   | PAL / NTSC  |                           |
| Electronic Shutter Time                                   | Auto: PAL 1/1-1/10000Sec; NTSC 1/1-1/10000Sec   |                           |
| Scanning System /Video Output/SN Ratio                    | Progressive / Network / ≥52dB   |                           |
| Focal Length / Focus Control                              | 3.6mm / Fixed   |                           |
| Lens type / Pixels  | Fixed / 2M Pixels HD Lens   | Fixed / 3M Pixels HD Lens |
| Infrared LED / Infrared Distance                          | 14μ x 20PCS / 25M   |                           |
| IR Status / IR Power On                                   | Under 10 Lux By CDS / CDS Auto Control  |                           |
| Ethernet  | RJ-45 (10/100 Base-T)   |                           |
| Protocol  | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP   |                           |
| ONVIF   | Support ONVIF 2.4   |                           |
| P2P / PoE   | Yes, Support QR Code / Support IEEE 802.3af   |                           |
| Video Delay   | 0.3S (within the LAN)   |                           |
| Main Stream 1   | 1280*960@25fps  | 1920*1080@30fps           |
| Sub Stream 1  | 720*480@25fps   | 720*480@30fps             |
| Tri Stream  | /   | 352*288@30fps             |
| Smart Phone   | iPhone, iPad, Android, Android Pad  |                           |
| Day / Night   | Color / B&W (IR-Cut)  |                           |
| Image Config  | Saturation/Brightness/Contrast/Sharpness, Mirror, 3D NR, White Balance, BLC, FLK(Flicker Control)   |                           |
| Corridor Pattern / Motion Detection                       | - / Support   | Support / Support         |
| Defog Mode / Privacy Masking/WDR                          | Support /3 Rectangular Zone/ WDR  |                           |
| Recording Mode  | NVR/NAS/CMS/Web   |                           |
| Language  | Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian, Netherlands |                           |
| Housing / Anti Cut Bracket / IR Cut Filter                | Metal, IP66 / YES, Anti-Cut Bracket / YES   |                           |
| Operating Temperature/ Storage Temperature / Power Source | -20°~+60°C, RH 95% MAX/-20°~ +60°C, RH 95% MAX / DC12V+10%, 500mA   |                           |
| Dimension (W x H x D)                                     | 228(W) x 72(H) x 72(D)mm  |                           |
| Weight (g)  | 700   |                           |