



Features:

- ◆ Plastic Dome /Plastic Bullet Camera and 1080N HVR Kits
- ◆ Light in Weight and with Resonable Price
- ◆ Free P2P Cloud Service, Plug & Play
- ◆ Remote View & Control, Anywhere, anytime.
- ◆ Motion Detection with Email Alert
- ◆ Day & Night Monitoring with IR-cut Auto Switch
- ◆ Support Andriod Mobile, Tablets, iPhone, iPad.



| Model Name | Contents |
|---------------------|--------------------|
| VK-9104NX20F | VD-IOB20FHD x 2pcs |
| | VW-AB20FHD x 2pcs |
| | VD-A9104HX x 1pc |
| VK-9104NX20Z | VD-IOB20ZHD x 2pcs |
| | VW-AB20ZHD x 2pcs |
| | VD-A9104HX x 1pc |
| VK-9104NX20T | VD-IOB20THD x 2pcs |
| | VW-AB20THD x 2pcs |
| | VD-A9104HX x 1pc |

Camera Specification

|  | 3" Plastic IR Dome Camera; IR LED: 14μX12pcs, IR Range: 20M | | |
|---|--|---|---|
|  | Plastic IR Bullet Camera;IR LED: 14μX12pcs, IR Range: 20M | | |
| Model | VD-IOB20FHD/VW-AB20FHD | VD-IOB20ZHD/VW-AB20ZHD | VD-IOB20THD/VW-AB20THD |
| TV System | NTSC / PAL | | |
| Video Out | BNC (AHD) | | |
| Chipset Solution | 1/2.7" 1080P 2MP CMOS Sensor, low illum F37 + XM330 | 1/2.7" 1080P 2MP CMOS Sensor Low illum F33 + FH8536E | 1/2.8" 1080P 2MP STARVIS CMOS Sensor, Low illum SONY IMX307 + NVP2441H |
| Resolution | 1080P @ 25fps(PAL), 30fps(NTSC) | 1080P @ 25fps(PAL), 30fps(NTSC) | 1080P @ 25fps(PAL), 30fps(NTSC) |
| Effective Pixels | 1920(H)×1080(V) | 1920(H)×1080(V) | 1920(H)×1080(V) |
| Minimum Illumination | 0.001Lux | | |
| Lens | 3.6mm Board Lens | | |
| Sync, System | Internal Synchronization | | |
| Scanning System | 2:1 Interface | | |
| Shutter Speed | 1/60~1/100,000sec (N), 1/50~1/100,000sec (P) | | |
| S/N Ratio | ≥ 58dB | | |
| DWDR | YES | YES | YES |
| DNR | NO | YES(3D-NR) | YES(3D-NR) |
| OSD | NO | Optional | YES |
| UTC | YES | YES | YES |
| Power Source | DC12V ±10% | | |
| Consumption | <5W | | |
| Operating Enviroment | -20℃~60℃ / 10% ~ 95%RH | | |
| Working Humidity | ≤90% | | |
| Size(mm) | Dome: φ92mm x 78mm | Waterproof:167mm x 63mm x 63mm | |
| Weight(kg) | Dome: 0.3 kg | Waterproof: 0.35 kg | |

| HVR Specification | | |
|---|-----------------------------|---|
|  | | H.265 Monitor HVR |
| Model | | VD-A9104HX |
| System | Main Processor | NT98321 |
| | Operation System | LINUX, Compression Mode: H.265 |
| Video | Video Input | 4CH BNC |
| | Video Output | 1CH BNC / 1 x VGA / 1 x HDMI |
| | Video Distance | 75-3 Cable up to 500 Meters |
| Audio | Audio Input | 4CH RCA |
| | Audio Output | 1CH RCA |
| Recording | Recording Channel | Analog:1080N at 30 Fps(NTSC), 25 Fps(PAL) IP:1080P: 1920x1080 at 30 Fps(NTSC), 25 Fps(PAL) |
| | Resolution | 1080N: 1920 × 1080 |
| | Frame Rate | 30 Fps(NTSC), 25 Fps(PAL) |
| | Recording Mode | Realtime Video Recording |
| Playback | Playback Channel | 1080N x 4CH at 30 Fps(NTSC), 25 Fps(PAL) |
| | Search Mode | Time, Date, Motion Detection, Exact Search |
| | Playback Mode | Normal Play / Fast Forward / Fast Rewind / Frame by Frame |
| Alarm | Alarm Input | N/A |
| | Alarm Output | N/A |
| Storage | HDD Interface | 1 x SATA Fixed HDD |
| | Capability | SATA HDD up to 14TB each |
| Backup | USB Disk | 2 x USB 2.0 port |
| | Backup Format | H.265 (only for Playback Software - General H.265 Player V1.7.0.) |
| | Backup Mode | Network download / Flash USB / movable HDD/SATA HDD / DVD-RW |
| PTZ | PTZ | R485 control |
| Network | Interface | RJ45 port / 10M / 100M / 1,000Mbps Ethernet |
| | Protocol | TCP/IP, DHCP, DDNS, DNS, PPPoE, UPNP, NTP, SMTP |
| | Mobile phone Support | Mobile app(Xmeye) support iPhone / iPad, Android |
| | Compatible Browser | Google Chrome,IE,Firefox, Safari |
| | Free DDNS | iCloud Free DDNS Server (P2P function) |
| | IP Camera Protocol | ONVIF Version Platform Protocol (Digital Menu) |
| | Simultaneous Remote Viewers | 6 Users Online |
| Others | Operating Temperature | 0°C ~ 55°C |
| | Operating Humidity | 10% ~ 90% |
| | Dimension | 255mm×230mm×45mm |
| | Net Weight | 2.5 KG |
| | HDD Screw | 4 PCS (1 Pack) |
| | Accessories | USB Mouse ×1PC/User Manual ×1PC/ Power Supply × 1PC |
| | Power Supply | DC12V/2A Power Adapter |