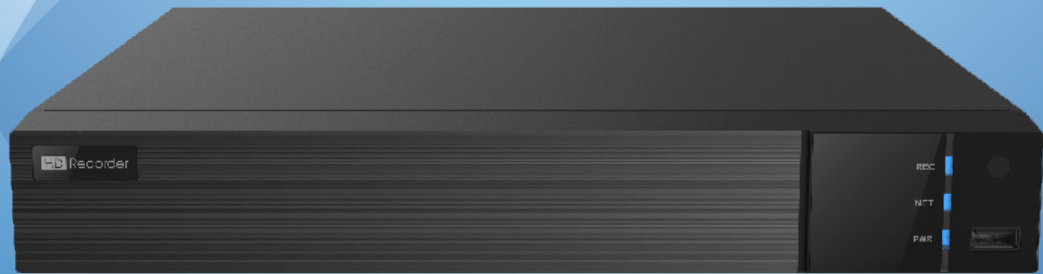


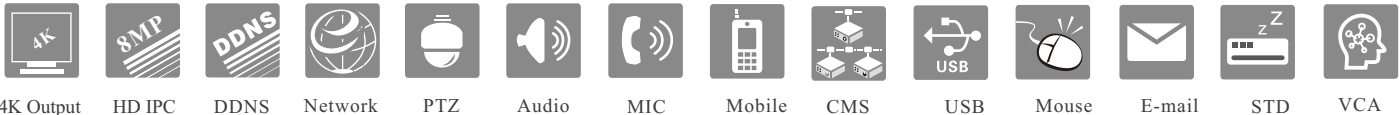
NVR

16 CH NVR

8MP/6MP/5MP/4MP/3MP/1080P/720P HD NVR



BX-3116H2-B2-B



BX-3116H2-B2-B supports 16 CH 8MP/6MP/5MP/4MP/3MP/1080P/1280 × 1024/960P/720P high definition IP video input, which adopts the advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system.

BX-3116H2-B2-B series supports 16 CH IP input, simultaneous 16 CH playback, and 4K ultra high definition display. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

Specifications

| Model | | BX-3116H2-B2-B |
|----------------------|--|--|
| System | OS | Embedded Linux |
| Video | Network Input | 16CH IPC input |
| | Network Input Resolution | 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF |
| | Output | HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA: 1920 × 1080 / 1280 × 1024 / 1024 × 768 |
| | Screen Display Mode | 1/4 / 6/8/9/13/16 |
| | Compression | H.265S / H.265+ / H.265 / H.264 |
| Audio | Network Input | 16 CH IPC audio input |
| | Local Input | RCA × 1 (for two-way audio) |
| | Local Output | RCA × 1 |
| | Compression | G.711(U/A) |
| Record | Resolution | 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF |
| | Frame Rate | NTSC:30fps; PAL:25fps |
| Playback | Simultaneous Playback | Max. 16 CH |
| | Search | Time slice / time / event / tag search |
| | Smart Search | Highlighted color to display the camera record in a certain period of time, different colors refers to different record events |
| | Function | Play, pause, FF, FB, digital zoom, etc. |
| Decoding Capability | Live View/ Playback | Non-AI Mode:1×8MP@30fps/4×4MP@30fps/16×720P@30fps AI Mode: 1×8MP@30fps/4×3MP@30fps/9×720P@30fps/16×D1@30fps |
| Alarm | Mode | Manual, sensor, motion, exception, smart events |
| | Input | 4CH alarm input; IPC alarm input supported |
| | Output | 1CH alarm output; IPC alarm output supported |
| | Triggering | Record, snap, preset, e-mail, etc. |
| Network | Interface | RJ 45 1000Mbps × 1 |
| | Protocol | TCP / IP, IPv4, IPv6, UDP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, HTTP, SMTP, HTTPS, 802.1x, RTSP, RTP, RTCP, FTP, WebSocket, SNMP, IGMP, ONVIF |
| | Incoming/ Outgoing Bandwidth | 160/160 (Mbps) *When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR. |
| | Client Connection | Max. 64 users access |
| Face | Face Detection Performance (AI by IPC) | 16 CH |
| | Face Detection Performance (AI by Device) | 2 CH (2MP) or 1 CH (4MP) |
| | Face Match Performance | No |
| | Statistical Graph of Information | Bar graph |
| | Statistical Mode of Information | Statistics by day, week, month, quarter as well as customized time period |
| Perimeter Protection | Human/Vehicle Classification (AI by IPC) | 16 CH |
| | Human/Vehicle Classification (AI by Device) | 2 CH (2MP) or 1 CH (4MP) |
| Video Metadata | Human/Vehicle Attribute Analysis (AI by IPC) | Yes |

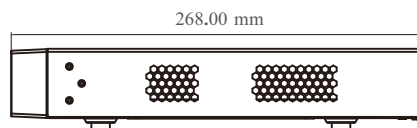
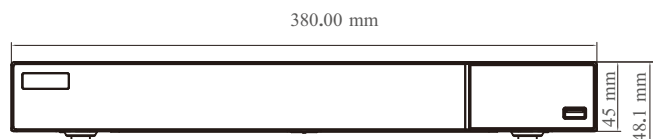
*AI mode: AI by device supported
Non-AI mode (default mode): AI by device not supported

| | | |
|--------------------------|---|--|
| Other Functions | Fisheye | Supports fisheye dewarping via Web Client and mobile APP |
| | Plate Recognition (AI by IPC) | Yes |
| Mobile Device | OS | iOS, Andriod |
| Storage | HDD Interface | SATA3.0 × 2, max 10T per HDD |
| Backup | Local Backup | U disk, USB mobile HDD |
| | Network Backup | Yes |
| Port | USB | USB 2.0 × 2 |
| | RS 485 | Yes (full-duplex); connect to PTZ or keyboard |
| | Remote Controller | Optional |
| Others | Power Supply | DC 12V/3A |
| | Consumption | ≤ 10W (without HDD) |
| | Dimensions (mm) | 380 × 268 × 45 (W × D × H) |
| | Working Environment | -10 ~ 50°C, 10% ~ 90% humidity |
| | Certificate | CE, FCC |
| Environmental Protection | Complies with Directive EU RoHS, REACH and WEEE | |

Features

- Support 16CH 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/720P/960H/DI/CIF IP video input
- H.265S / H.265+ /H.265 /H.264 coding
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Search : time slice, time, event, tag and smart search
- Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Support POS information overlay on live view and playback
Playback : 16CH simultaneous playback
- Express and flexible backup via USB, network and so on
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web or CMS : preview, playback, backup, PTZ and configuration
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 4K ultra high resolution output, true high resolution display
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

Dimensions



Rear Panel

