# 16CH Hybrid DVR   AMX-81016H5-BN2
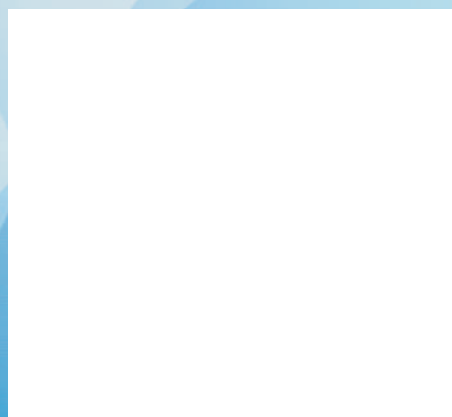


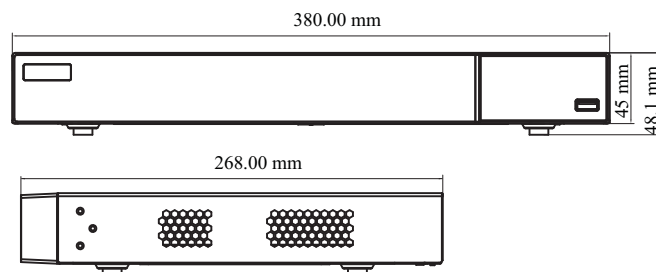| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HD | H.265 | DDNS | Network | PTZ | Audio | MIC | Mobile | CMS | USB | Mouse | E-mail |

**AMX-81016H5-BN2** supports 8MP / 5MP / 4MP / 3MP / 1080P / 720P /WD1 analog and IP video input simultaneously. It adopts the standard H.265  high profile compression format and the advanced SOC technique to ensure real time recording in each channel and realize outstanding robustness of the system. ED8216H5-FN supports 16 CH analog video input, 8CH IP video input and 8CH audio input, simultaneous 16CH playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.
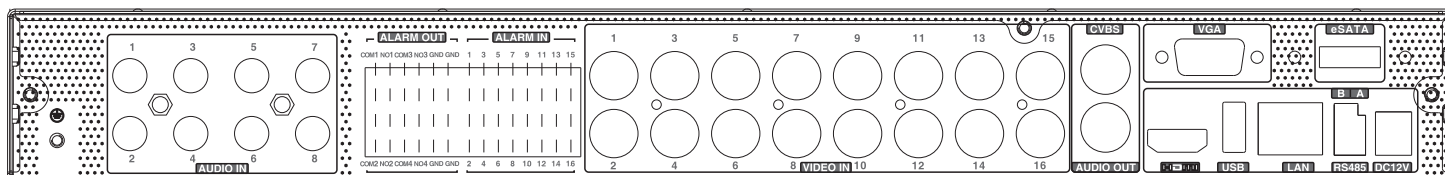
## Features

- 16 CH TVI / AHD /CVI 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 video input
- 16 CH DVR supports  8 CH 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P IP video input by default
- 8CH analog video input can be switched to 8CH IP video input
- Adopt standard H.265  high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface ( GUI ), window style operation by mouse
- Multi-mode recording: manual / timer / motion
- Playback : 16 CH simultaneously playback
- Search: time slice, time, event, tag and smart search
- 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 Client 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
- Authorization management, log review and device status review
- HDMI 4K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

## Dimensions

380.00 mm

45 mm

48.1 mm

268.00 mm

## Rear Panel

### ED8216H5-FN

## Specifications

| Model | | | ED8216H5-FN |
|---|---|---|---|
| System | OS | | Embedded Linux |
| Video | Analog Video Input | | BNC × 16 |
| | | | BNC interface (1.0Vp-p; 75Ω) |
| | | | TVI/AHD/CVI : 4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live) |
| | IP Video Input | | 8CH(Up to 16CH) |
| | | | Up to 8MP@30fps |
| | Total Input | | 24CH |
| | Output | | HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024<br>VGA × 1 : 1920 × 1080 / 1280 × 1024<br>BNC × 1 : CVBS ( used as the main or spot output ) |
| | Compression | | H.264/H.265 |
| | Multi-screen Display | | 1/4/6/8/9/13/16/25 |
| Audio | Input | | RCA × 8 |
| | Output | | RCA × 1 (linear, 600Ω) |
| | Two-way audio | | Take up channel one audio input |
| | Compression | | G.711(U/A) |
| Record | Resolution | | 4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1 |
| | Frame Rate | | Analog Channel:<br>4K@ 8fps (PAL/NTSC)<br>4K Lite@12fps/15fps (PAL/NTSC)<br>5MP@12fps (PAL / NTSC)<br>5MP Lite@20fps (PAL / NTSC)<br>4MP/3MP@12fps/ 15fps (PAL / NTSC)<br>4MP Lite/1080P/720P/WD1/D1@25fps / 30fps  (PAL / NTSC)<br>IP Channel: 8MP@ 25fps / 30fps (PAL / NTSC) |
| | Bit Rate | | 32Kbps ~ 5Mbps |
| | Mode | | Manual, timed, motion, smart event |
| Playback | Playback | | 16CH |
| | Search | | Time slice / time / event / tag search |
| | Smart Search | | Highlight colors to display the camera record in a certain period of time, different colors refer to different record events |
| | Function | | Play, pause, FF, FB, digital zoom, etc. |
| Alarm | Mode | | Manual, motion, exception, smart event |
| | Input | | 16CH |
| | Output | | 4CH |
| Network | Interface | | RJ 45 1000Mbps × 1 |
| | Protocol | | TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP |
| | Incoming Bandwidth | | 32Mbps |
| | Outgoing Bandwidth | | 96Mbps |
| | Client Connection | | Max. 10 users access |
| MobileDevice | OS | | iOS, Andriod |
| Storage | HDD | | SATA× 2, up to 10TB per HDD; E-SATA× 1 |
| Backup | Local Backup | | U disk, USB mobile HDD |
| | Network Backup | | Yes |
| Port | RS 485 | | Yes (half-duplex), connect to PTZ or keyboard |
| | USB | | USB 3.0 × 1; USB2.0 × 1 |
| | Remote Controller | | Optional |
| Others | Power Supply | | DC12V / 4A |
| | Consumption | | ≤ 30W ( without HDD ) |
| | Dimensions(mm) | | 380 × 268 × 45 ( W × D × H ) |
| | Working Environment | | -10~50°C, 10%~90% (humidity) |
| | Certificate | | CE, FCC |
| | Environmental Protection | | Comply with Directive EU RoHS, WEEE,  REACH |