AMX-83016H5-BN

16 Channel Hybrid DVR

ED8016H5-BN is a 16 Channel 1080P high definition DVR with ability to connect analog and IP cameras simultaneously, which adopt the standard H.265 high profile compression format and the most advanced SOC technique to ensure real time recording in each channel and realize outstanding robustness of the system. ED8016H5-BN supports 16 channel video input, 1 Channel audio input, simultaneous 16 Channel playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

| H.265 | 5MP | 16 CH | | | |

MODEL(S) AVAILABLE

ED8016H5-BN

KEY FEATURES

▶ 16 CH TVI / AHD/CVI 5MP/4MP/1080P video input
▶ 16 CH DVRs support 2/4/8 CH 5MP/4MP/3MP/1080P IP video input
▶ Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate
▶ Multi-mode recording: manual / timed / motion / AI recording
▶ Playback : 16 CH simultaneously playback
▶ Search: time slice, time, event, tag search
▶ 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
▶ Support 1080P 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

Product Specifications

System

Main Processor	N/A
Operating System	Embedded LINUX

Video and Audio

Analog Camera Input	16 BNC ports
AHD Camera	5MP, 4MP, 1080P
TVI Camera	5MP, 4MP, 1080P
HD-CVI Camera	5MP, 4MP, 1080P
IP Camera Input	8 Channel, each channel up to 5MP @ 30 fps
Audio In/Out	1/1, RCA
Two-way Talk	Take up channel one audio input

Recording

Compression	H.265 / H.264
Resolution	5MP Lite / 4MP Lite / 1080P
Record Rate	**Analog Channel:** 5MP Lite @ 10 fps; 4MP Lite/1080P @ 12/15 fps; 1080P Lite @ 25/30 fps
	IP Channel: 25/30 fps
Bit Rate	32 Kbps ~ 5 Mbps Per Channel
Record Mode	Manual, Timer, Motion, Smart Event
Audio Compression	G.711 (U/A)
Audio Sample Rate	N/A
Audio Bit Rate	N/A

Display

Interface	1 HDMI, 1 VGA
Resolution	**HDMI:** 1920 × 1080, 1280 × 1024, 1024 × 768
	VGA: 1920 × 1080, 1280 × 1024, 1024 × 768
Multi-screen Display	1/4/6/8/9/13/16/25

Network

Network Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP
Interface	1 RJ-45 port (10/100 Mbps)
Incoming Bandwidth	32 Mbps
Outgoing Bandwidth	80 Mbps
Max. User Access	10 users
OS	iOS, Andriod

Alarm

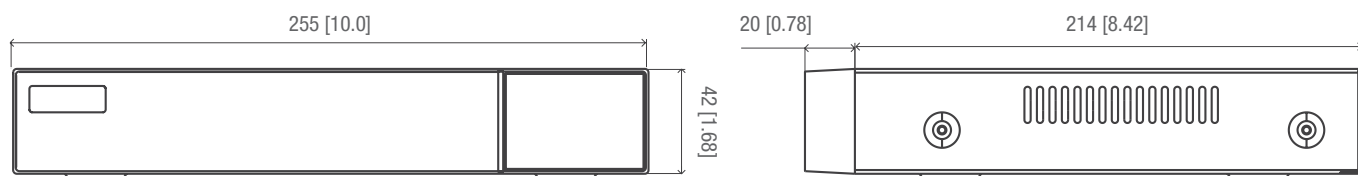|	
Mode	Manual, motion, exception, smart event
Alarm input	N/A
Relay Output	N/A

Playback and Backup

Playback	16 CH
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
Playback Function	Play, pause, FF, FB, digital zoom, etc.
Backup Mode	USB Device / Network

Storage

Internal HDD	1 SATA port, up to 10TB capacity
eSATA	N/A

Auxiliary Interface

USB	2 × USB 2.0
RS232	N/A
RS485	1 Port (Half-duplex)

General

Power Supply	12 V DC / 3 A
Power Consumption	< 10 W (without HDD)
Operating Conditions	-10°C ~ +50°C (+14°F ~ +122°F), < 90% RH
Dimensions	255 mm × 234 mm × 42 mm (10.0" × 9.2" × 1.65")
Certifications	CE, FCC
Environmental Protection	Comply with Directive EU RoHS, WEEE, REACH

Product Dimensions (mm [inch])

255 [10.0] 42 [1.68] 20 [0.78] 214 [8.42]

| 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | CVBS | LAN | | AUDIO OUT | |
| 2 | 4 | 6 | 8 VIDEO IN 10 | 12 | 14 | 16 | HDMI | VGA | USB | AUDIO IN | RS485 DC12V | B I A |

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