

UVR-7THB16H-G1C5

16 Channels 1U 2HDD Digital Video Recorder



Key Features

- Supports HDCVI/AHD/TVI/IP video inputs
- Up to 16ch SMD 4ch PP
- Up to 8 channels Line crossing detection & Intrusion detection
- Up to 2 channels Face detection
- Audio I/O : 4/1
- Alarm I/O:4/1
- Total Bandwidth : 160Mbps
- Dual streaming recording
- All channel audio over coaxial
- Max 20 channels IP camera input
- **Smart Functions**
- Smart Detection for Analog(Line crossing detection, Intrusion detection , face detection)

Compression and Recording

- Support 8ch 5MP@12fps + 8ch 5MP lite@12fps

HD Video Output

- Support HDMI, VGA, CVBS

Storage and Playback

- 2 SATA interface (up to 8 TB capacity per HDD)
- 16CH playback

Network & Ethernet Access



- 1 RJ45 10/100/1000Mbps self-adaptive Ethernet interface

Third-party Cloud

- Support Google Drive & Dropbox Cloud storage
- Support Cloud upgrade

Specification

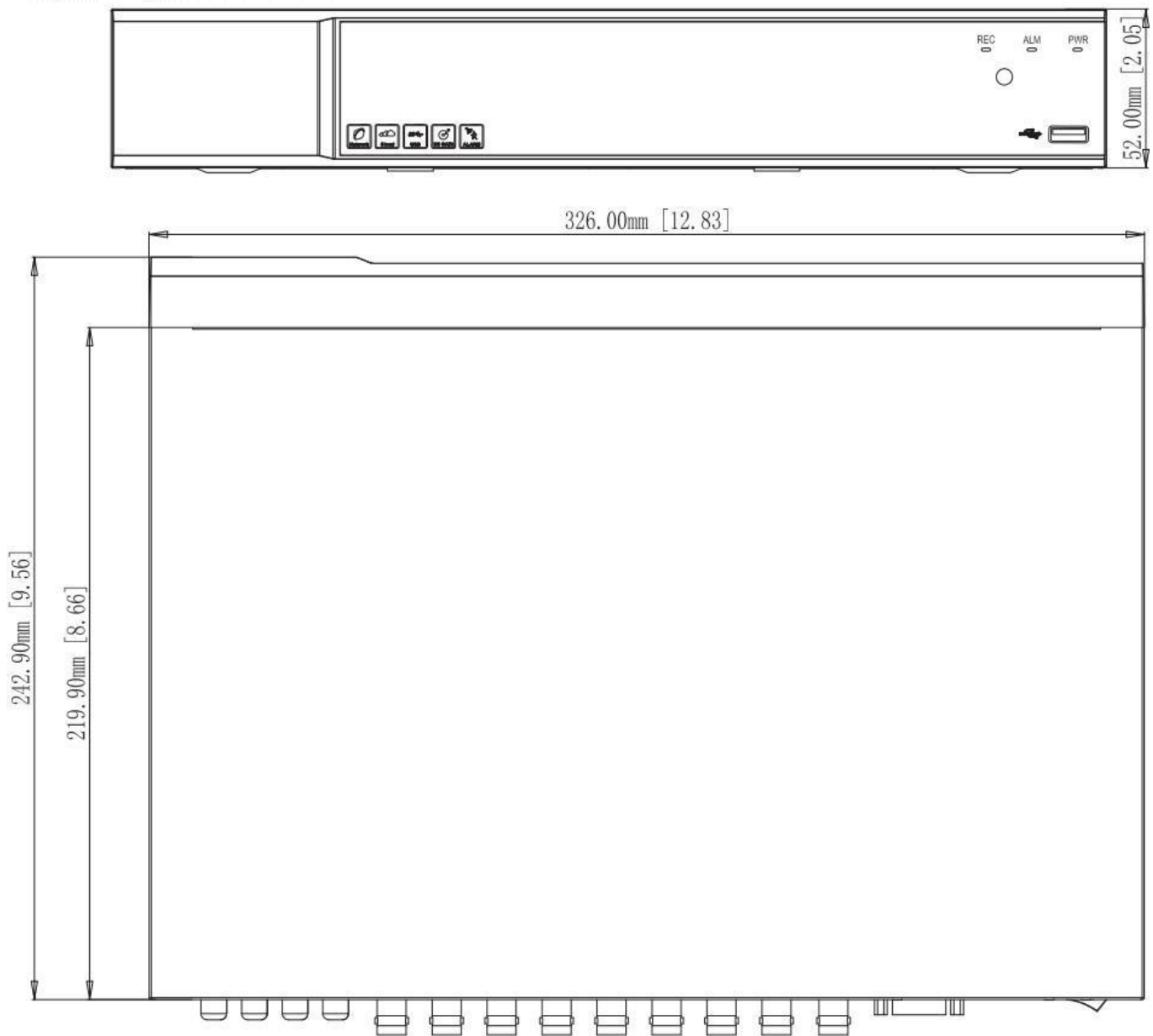
Video & Audio Input	
Video Input	16-ch BNC interface (1.0Vp-p, 75 fi)
TVI	5MP, 4MP, 1080P, 720P
CVI	4MP, 1080P, 720P
AHD	5MP, 4MP, 1080P, 720P
IPC	4-ch Extra IP
CVBS	Support
Audio Input	4-ch, multiplex with Audio Input (RCA)
	16-ch via coaxial cable
Two way talk	1-ch, multiplex with audio input (RCA)
Video & Audio Output	
HDMI	1-ch, resolution: 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
VGA	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
CVBS	1-ch, BNC (1.0Vp-p, 75fi) , resolution: PAL: 704 x 576, NTSC: 704 x 482
Audio Output	1-ch, RCA (Linear, 1kfi)
Recording	
Compression	H.265+/H.265/H.264+/H.264
Resolution	8ch 5MP@12fps + 8ch 5MP lite@12fps
	16ch 5MP Lite@12fps;
	16ch 4MP Lite/1080P@15fps;
	1080P Lite@25fps
Frame Rate(fps)	720P/960H/D1/CIF real time
Video Bit Rate	1-25fps (PAL) /30fps (NTSC)
Audio Compression	11Kbps ~ 4096Kbps
Audio Bit Rate	G.711a
	64kbps
Playback & Backup	



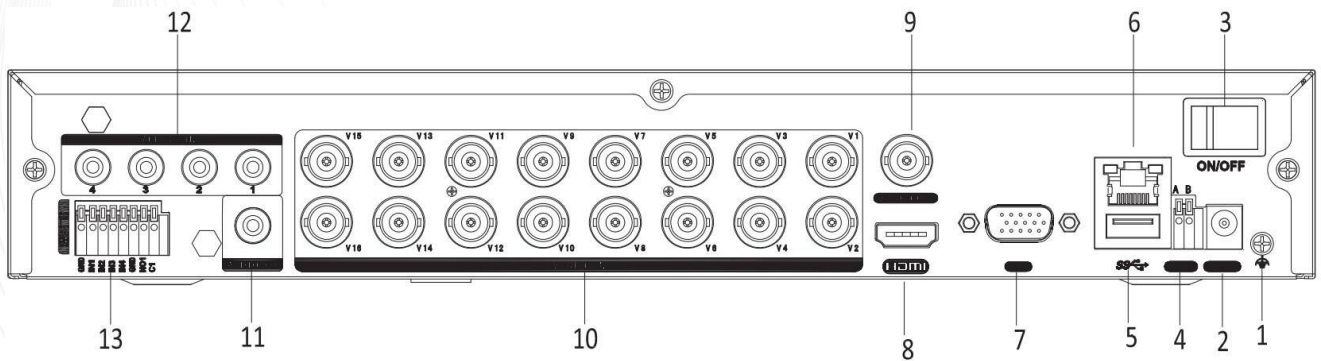
Playback Mode	Smart Playback/Normal/Time Division/Label/Event/Picture Playback
Playback Rate	16-ch Playback
Backup Mode	USB Device/Network
Smart Function	
Smart Detection for Analog	8-ch line crossing detection, intrusion detection 2-ch face detection
AI	16ch SMD 4ch PP
VQD	8-ch Defocus Detection/Scene change Detection for Analog
Smart Detection for QV IPC	Line crossing detection, area Intrusion detection, region entrance, region exiting, fast moving, unattached object, object missing, face detection
Smart Playback for Analog	Face detection, line crossing detection, Area Intrusion detection, Motion Detection
Smart Playback for QV IPC	Face detection, line crossing detection, area intrusion detection, motion detection
Cloud Storage	Support
Cloud Upgrade	Support
Network	
Ethernet	1 RJ45 10 /100/1000 Mbps self-adaptive Ethernet interface
Network Function	HTTPs, HTTP, TCP/IP, IPv4, UPnP, Onvif 2.6, RTSP, RTCP, UDP, SMTP, SNMP, Multicast, IGMP, NTP, DHCP, DNS, DDNS, FTP, P2P
Smart Phone	IOS (iPhone, iPad) , Android (Phone, Pad)
Hard Disk	
SATA	2 HDD
Capacity	Up to 8TB capacity for each HDD
External Interface	
Serial Interface	RS-485
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0
Alarm Input	4-ch
Alarm Output	1-ch
General	
Power Supply	DC12V,4A
Power Consumption	≤13W (without HDD)
Working Environment	-10°C~+55°C / 10%~93%RH
Dimension (W × D × H)	326 × 243 × 52 mm (12.83" × 9.56" × 2.05")
Weight (without HDD)	2.3 kg (5.07 lb)



Dimensions



Rear Panel



No.	Description	No.	Description
1	Ground	8	HDMI Port
2	Power Input	9	Video Out Put Port
3	Power Switch	10	Video IN Put Port
4	RS485 Port	11	Audio Out RCA
5	USB Port	12	Audio In RCA
6	Network Port	13	Alarm Input
7	VGA Port		

