

UVR-F16EHB-D7C6

16 Channels 1HDD Universal Video Recorder

Key Features

- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Up to 4 channels Line crossing detection & Intrusion detection
- Max 16 channels IP camera input, up to 4K
- Audio I/O : 1/1
- All channel audio over coaxial



Storage and Playback

- 1 SATA interface (up to 8 TB capacity per HDD)
- 8ch 5M lite 7fps playback

Compression and Recording

- Support 16ch 5M lite 7fps encoding

HD Video Output

- Support HDMI (1 × 4K) , VGA, CVBS

Network & Ethernet Access

- 1 RJ-45 10/100 M self-adaptive Ethernet interface

Specification

Video & Audio Input

Analog Video Input	16-ch 5M @ 12.5fps (1.0Vp-p, 75 Ω)
IP Video Input	Up to 16-ch 2MP
Analog Video +IP video	16 + 0 ; 8 + 8 ; 0 + 16
TVI	5MP @ 12.5fps, 4MP @ 15fps, 1080P, 720P
CVI	4MP (Does not support automatic frame drop) , 1080P, 720P
AHD	5MP, 4MP, 1080P, 720P
CVBS	Support
Audio Input	1-ch, multiplex with Audio Input(RCA)
AOC (coaxial audio)	Support (TVI)
Two way talk	1-ch, multiplex with Audio Input(RCA)

Video & Audio Output

HDMI	1ch, resolution: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz
VGA	1ch, resolution: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz
CVBS Output	1-ch, BNC(1.0Vp-p, 75Ω), resolution: PAL: 704x576, NTSC: 704x480
Audio Output	1-ch, RCA (Linear, 1kΩ)

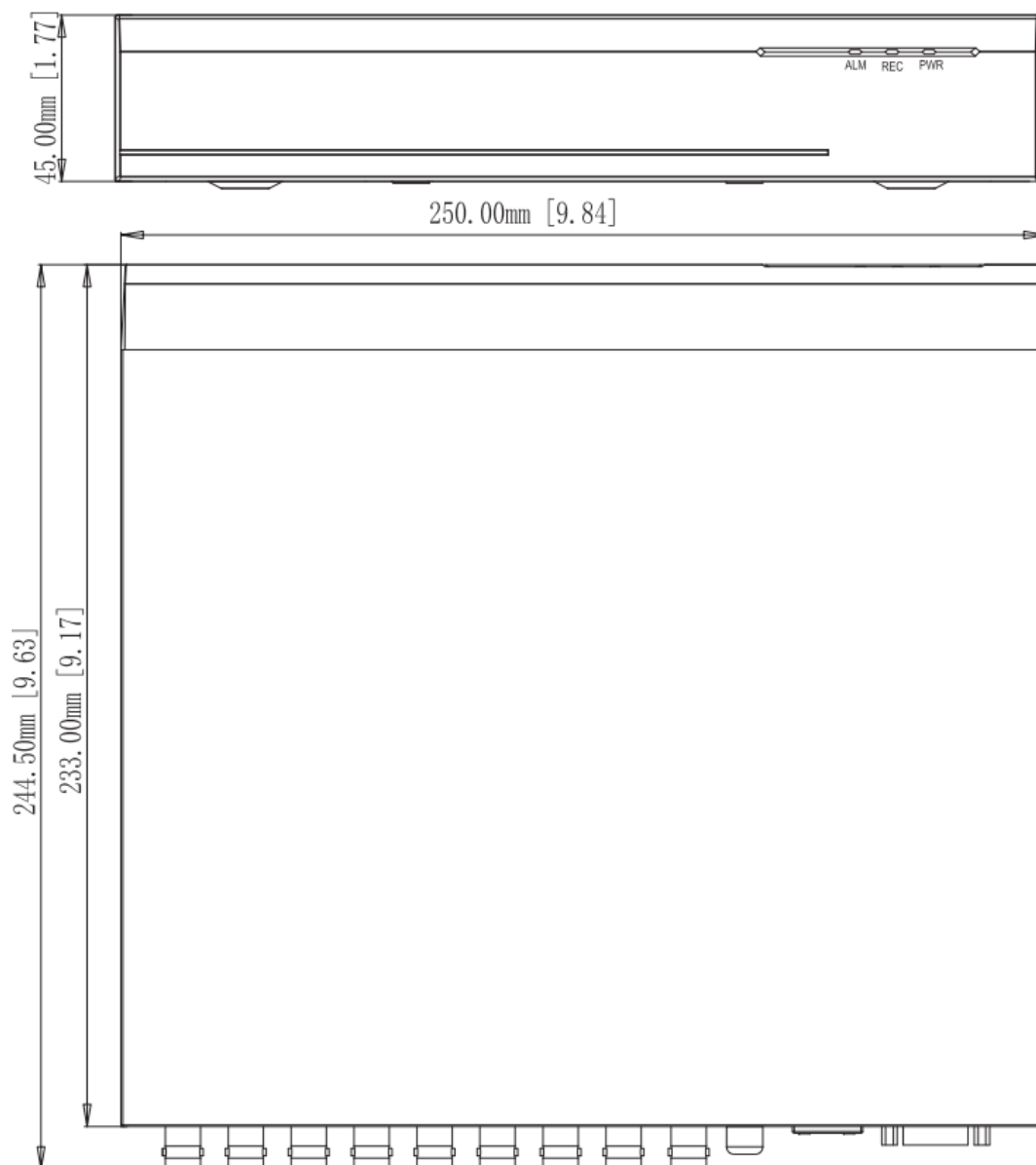
Recording

Compression	H.265/H.265+ or H.264/H.264+ When choosing H.265 compression, H.264 IPC couldn't be connected; When choosing H.264 compression, H.265 IPC couldn't be connected
Resolution	5M12.5 Main stream: 5MP Lite-N @ 0-7fps, Sub stream: D1/CIF @ 0-7fps 4M15 Main stream: 4MP Lite-N @ 0-9fps, Sub stream: D1/CIF @ 0-9fps 1080P Main stream: 1080P Lite-N @ 0-12fps, Sub stream: D1/CIF @ 0-12fps 720P Main stream: 720P @ 0-12fps, Sub stream: D1/CIF @ 0-12fps
Video Bit Rate	11Kbps ~ 3749Kbps
Audio Compression	G.711a

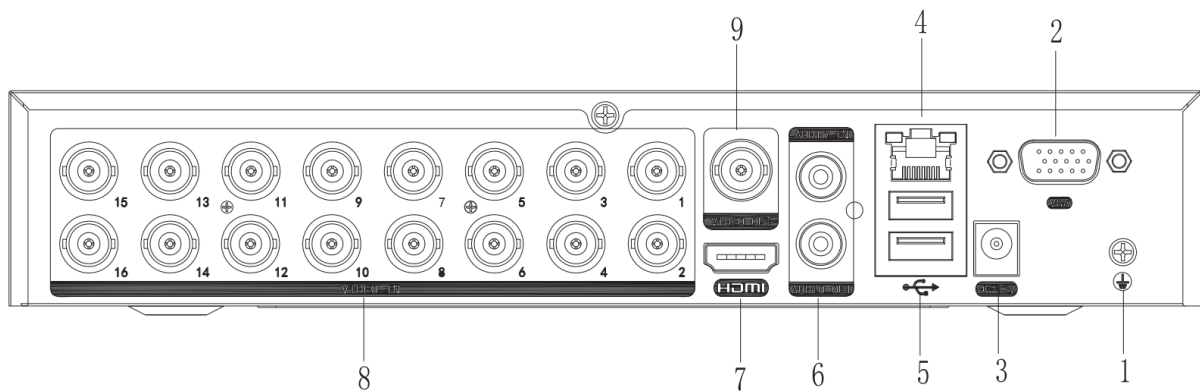
Audio Bit Rate	64kbps
Playback & Backup	
Playback Mode	Smart/Normal/Time Division/ Label/ Event/ Picture Playback
Playback Rate	Analog: 8-ch 5MP Lite @ 7fps, 8-ch 4MP Lite @ 9fps, 16-ch 1080P Lite @ 12fps; IP: 3-ch 1080P @ 30fps
Backup Mode	USB Device/Network
Smart Function	
Smart Detection for Analog	4-ch line crossing detection, intrusion detection 8-ch face detection 8-ch human detection
Smart Detection for Briton IPC	Line crossing detection,Area Intrusion detection
Smart Playback for Analog	Face detection, line crossing detection, area intrusion detection, motion detection, human detection
Smart Playback for Briton IPC	Line crossing detection, area intrusion detection, motion detection
Cloud Storage	Support
Cloud Upgrade	Support
Network	
Ethernet	1 RJ-45 10 /100 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
Bandwidth	40M
Hard disk	
SATA	1 HDD
Capacity	Up to 8TB capacity for each HDD
External Interface	
Serial Interface	NA
USB Interface	Rear panel: 2 × USB 2.0
General	

Power Supply	DC12V, 2A
Power Consumption	≤10W (without HDD)
Working Environment	14° F ~ 131° F (-10° C ~ 55° C) Humidity 10% to 92%
Dimension (W × D × H)	250 × 233 × 45 mm (9.84" × 9.17" × 1.77")
Weight (without HDD)	1.3 kg (2.86 lb)

Dimensions



Rear Panel



No.	Description	No.	Description
1	Ground	6	Audio In/Out RCA
2	VGA Port	7	HDMI Port
3	Power Input	8	Video In Put Port
4	Network Port	9	Video Out Put Port
5	USB Port		

