

UVR-7TCA04RQ-D149

4 Channels 1U 1HDD Digital Video Recorder



Key Features

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Up to 4-ch line crossing detection, intrusion detection
- Up to 1-ch face detection
- Up to 2-ch human body detection
- Audio I/O : 4/1
- Total bandwidth: 80Mbps
- All channel audio over coaxial
- Max 8 channels IP camera input, up to 4K

Smart Functions

- Smart detection for analog (line crossing detection, intrusion detection, face detection, human body detection)

Compression and Recording

- H.265+/H.265 dual-stream video compression
- Support 4ch 4K 7fps encoding

HD Video Output

- Support HDMI (1 × 4K) , VGA, CVBS

Storage and Playback

- 1 SATA interface (up to 8 TB capacity per HDD)



- 1-ch 8MP Playback/4CH 8MP-N Playback
- **Network & Ethernet Access**
- 1 RJ45 10/100 M self-adaptive Ethernet interface
- **Third-party Cloud**
- Support Google Drive&Dropbox Cloud storage
- Support Cloud upgrade
- **Specification**

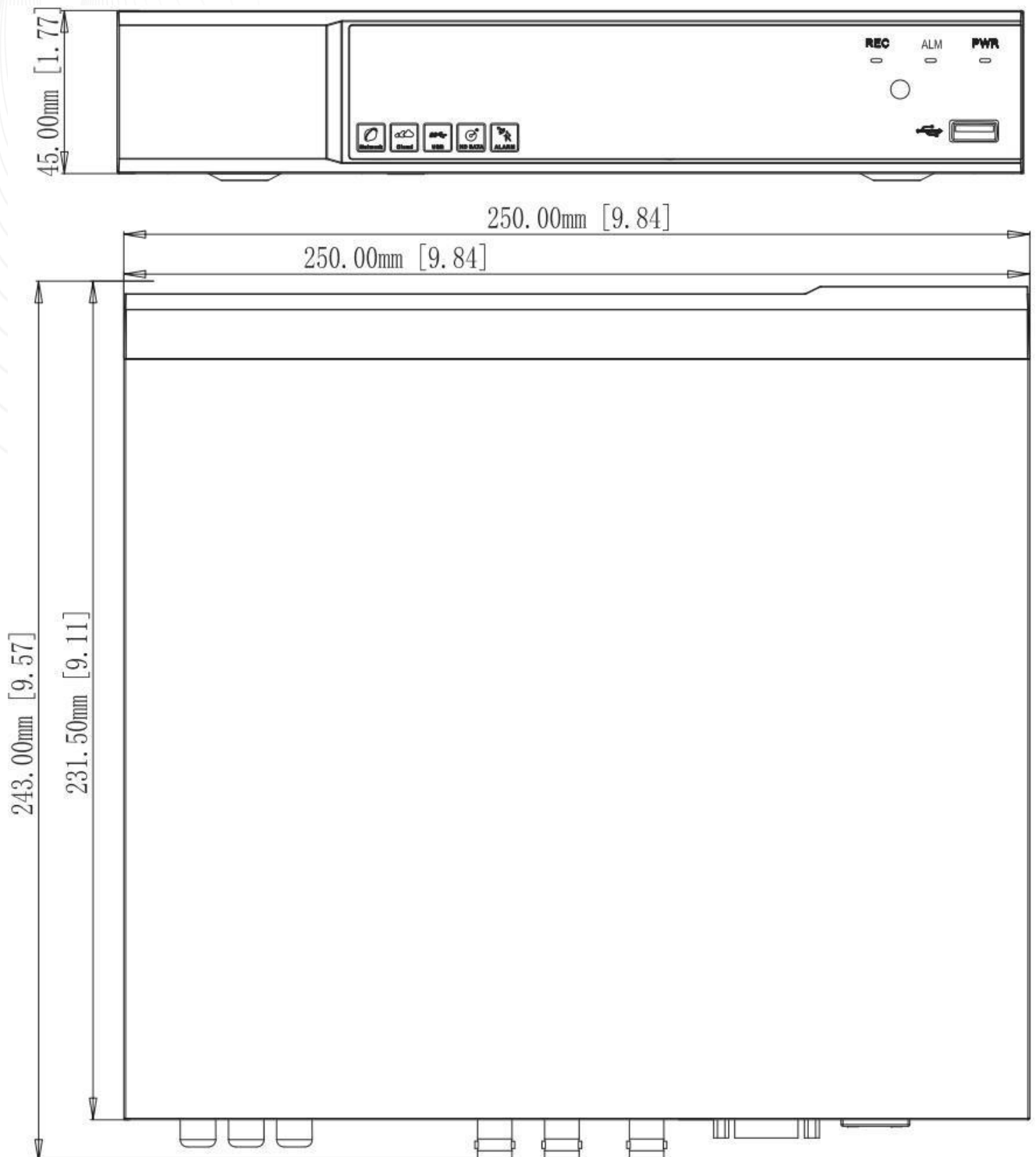
Video & Audio Input	
Video Input	4-ch (1.0Vp-p, 75 fi)
TVI	8MP, 5MP, 4MP, 1080P, 720P
CVI	8MP, 4MP, 1080P, 720P
AHD	8MP, 5MP, 4MP, 1080P, 720P
CVBS	Support
IPC	Up to 8-ch Up to 8MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1Kfi)
Two-way talk	1-ch, multiplex with Audio Input (RCA)
Video & Audio Output	
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 480
Audio Output	1-ch, RCA (Linear, 1kfi)
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)
Encoding Resolution	8MP/5MP/4MP/1080P/1080P Lite/720P/960H/D1
Resolution	Main stream: 8MP @ 7fps, 8MP-N @ 15fps, 5MP @ 12fps, 4MP @ 15fps, 1080P/720P/960H/D1 @ 25fps (P)/30fps
Frame Rate (fps)	1 ~ 25fps (PAL) /30fps (NTSC)
Video Bit Rate	11Kbps ~ 6769Kbps
Record Mode	Manual, Schedule, Alarm
Audio Compression	G.711a



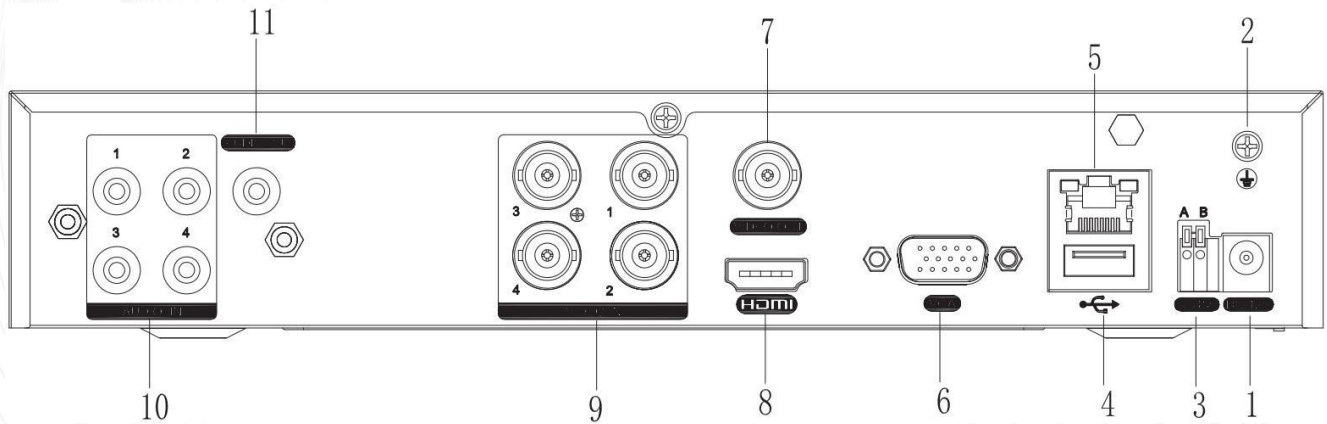
Audio Bit Rate	64kbps
Playback & Backup	
Playback Number	1-ch 8MP Playback 4-ch 8MP-N Playback
Playback Mode	Smart Playback/Normal/Time Division/Label/Event/Picture playback
Backup Mode	USB Device/Network
Smart Function	
Smart Detection for Analog	4-ch line crossing detection, intrusion detection 1 ch face detection 2 ch human body detection
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/area intrusion/motion detection/human body detection
Smart Playback for QV IPC	Face detection/line crossing/area intrusion/motion detection
Cloud Storage	Support
Cloud Upgrade	Support
Network	
Ethernet	1 RJ45 10 /100Mbps 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
Hard Disk	
SATA	1 SATA interfaces
Capacity	Up to 8TB capacity for each HDD
External Interface	
Serial Interface	1*Standard RS-485 (half-duplex)
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0
Alarm Input	N/A
Alarm Output	N/A
General	
Power Supply	DC12V, 2A
Power Consumption	≤10W (without HDD)
Working Environment	14°F ~ 131°F (-10°C ~ 55°C) Humidity 10% to 90%
Dimension (W × D × H)	250 × 231.5 × 45 mm (9.84" × 9.11" × 1.77")
Weight (without HDD)	1.2 kg (2.64 lb)



Dimensions



Rear Panel



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

