

UVR-7TCG08RQ-G181

8 Channels 1U 2HDD Universal Video Recorder



Key Features

- Supports HDCVI/AHD/TVI/IP video inputs
- Up to 8 channels Line crossing detection & Intrusion detection
- Audio I/O: 4/1
- Alarm I/O: 4/1
- Total Bandwidth: 160Mbps
- Dual streaming recording
- All channel audio over coaxial
- Max 16 channels IP camera input, up to 4K

Smart Functions

- Smart Detection for Analog (Line crossing detection, Intrusion detection)

Compression and Recording

- Support 8-ch 4K @ 7fps/4K Lite @ 15fps/5M @ 12fps/4M @ 15fps/1080P @ 25fps encoding

HD Video Output

- Support HDMI, VGA

Storage and Playback

- 2 SATA interface (up to 8 TB capacity per HDD)
- 4-ch 4K @ 7fps/5M @ 12fps/4M @ 15fps/1080P @ 25fps playback

Network & Ethernet Access

- 1 RJ-45 10/100/1000Mbps self-adaptive Ethernet interface



Third-party Cloud

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

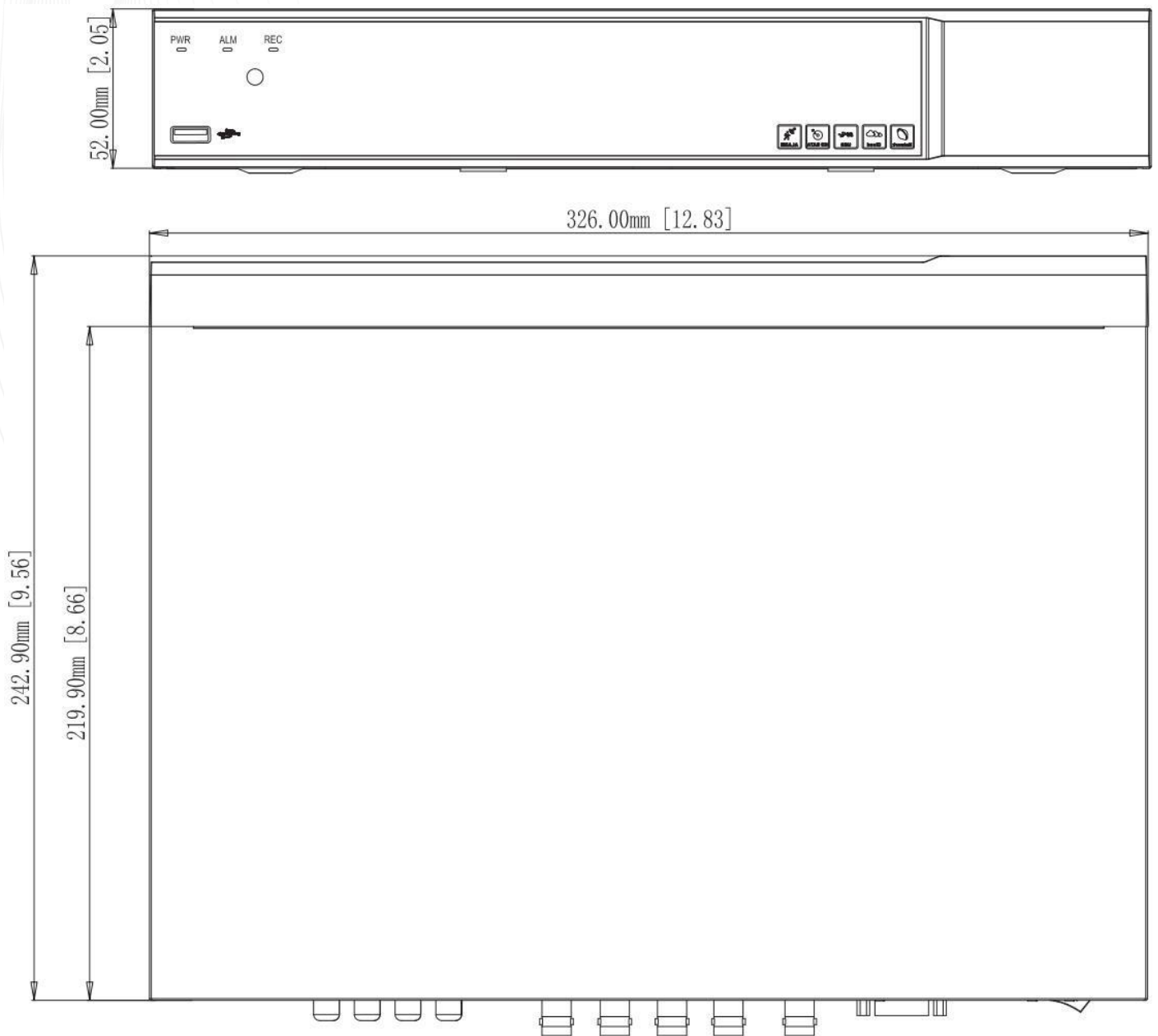
Specification

Video &Audio Input	
Video Input	8-ch (1.0Vp-p, 75 fi)
TVI	8MP, 5MP, 4MP, 1080P, 720P
CVI	8MP, 4MP, 1080P, 720P
AHD	8MP, 5MP, 4MP, 1080P, 720P
IPC	Up to 16-ch Up to 8MP resolution
CVBS	Support
Audio Input	4-ch
	RCA (2.0 Vp-p, 1 Kfi)
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/ H.264+/H.264
Resolution	Main stream: 8MP @ 7fps, 8MP-N @ 15fps, 5MP @ 12fps, 4MP @ 15fps, 1080P/720P/960H/D1 @ 25fps (P) /30fps (N)
Frame Rate(fps)	1-25fps (PAL) /30fps (NTSC)
Video Bit Rate	11Kbps ~ 6769Kbps
Audio Compression	G.711a
Audio Bit Rate	64kbps
Playback &Backup	
Playback Mode	4-ch 8MP Playback
	8-ch 8MP-N Playback
Playback Rate	Smart Playback/Normal/Time Division/Label/Event/Picture playback
Backup Mode	USB Device/Network

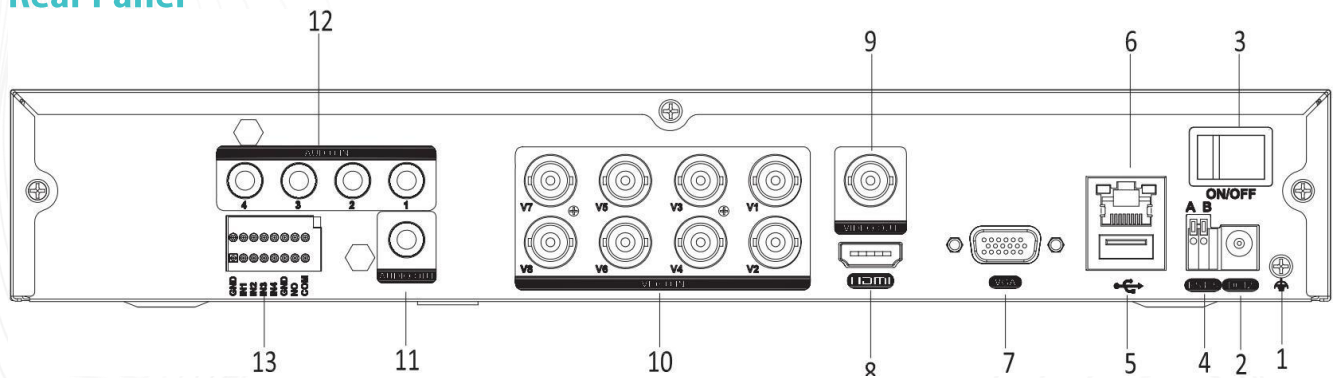


Smart Function	
Smart Detection for Analog	8-ch line crossing detection, intrusion detection
VQD	N/A
Smart Detection for QV IPC	Line crossing detection, area intrusion detection
Smart Playback for Analog	Line crossing, are intrusion, motion detection
Smart Playback for QV IPC	Line crossing, are intrusion, motion detection
Cloud Storage	Support
Cloud Upgrade	Support
Network	
Ethernet	1 RJ-45 10/100/1000Mbps 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	2 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 3.0
Alarm Input	4-ch
Alarm Output	1-ch
General	
Power Supply	DC12V, 3.33A
Power Consumption	≤10W (without HDD)
Working Environment	14°F ~ 131°F (-10°C ~ 55°C) Humidity 10% to 90%
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		

