

QV-UVR6TCF16RQ-N1C2

16 Channels 1U 2HDD Digital Video Recorder



Key Features

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Up to 16 channels smart motion detection
- Audio I/O: 4/1, Alarm I/O: 16/4
- Total bandwidth: 128Mbps
- Dual streaming recording
- All channel audio over coaxial
- Max 20 channels IP camera input, up to 4K

Compression and Recording

- H.265+/H.265 dual-stream video compression
- Support 16ch 4K 7fps encoding

HD Video Output

- Support HDMI (1 × 4K) , VGA, CVBS

Storage and Playback

- 2 SATA interface (up to 8 TB capacity per HDD)
- 8ch 4K 7fps playback/8ch 4K lite 15fps playback

Network & Ethernet Access

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



Third-party Cloud

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

Specification

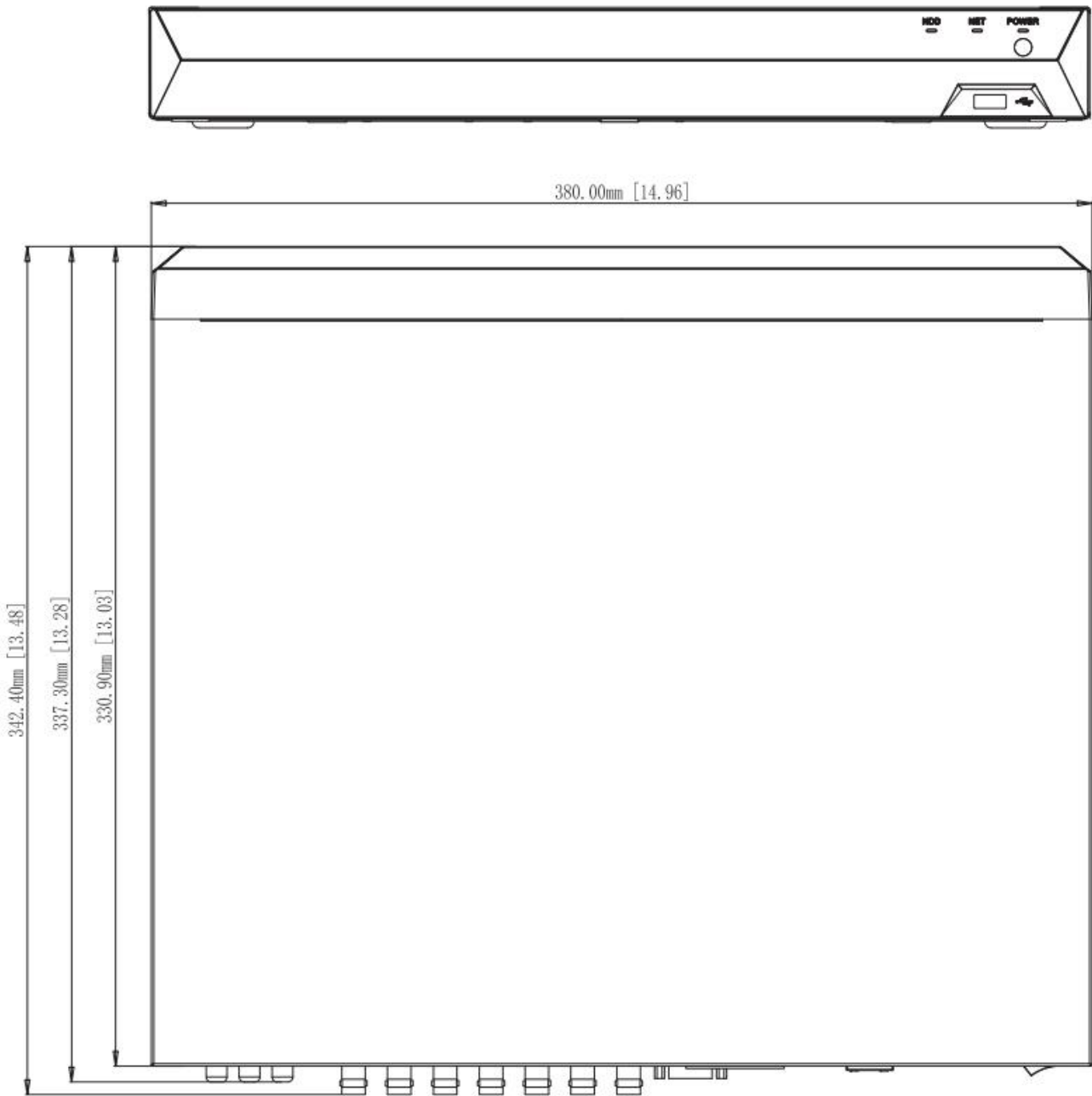
Video & Audio Input	
Analog Video Input	16-ch (1.0Vp-p, 75 Ω)
HDTVI Input	8MP, 5MP, 4MP, 1080P, 720P
CVI Input	8MP, 4MP, 1080P, 720P
AHD Input	8MP, 5MP, 4MP, 1080P, 720P
CVBS Input	Support
IP video Input	Up to 20ch Up to 8MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ)
Two-Way Audio	1-ch, multiplex with Audio Input(RCA)
Video & Audio Output	
HDMI	1-ch, resolution: 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz
VGA	1-ch, resolution: 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
CVBS	1-ch, BNC (1.0Vp-p,75Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1kΩ)
Recording	
Video Compression	H.265+/H.265/H.264+/H.264
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 (N)
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	8-ch 8MP Playback, 8CH 8MP-N Playback
Playback Mode	Smart Playback/Normal/Time Division/Label/Event/Picture playback



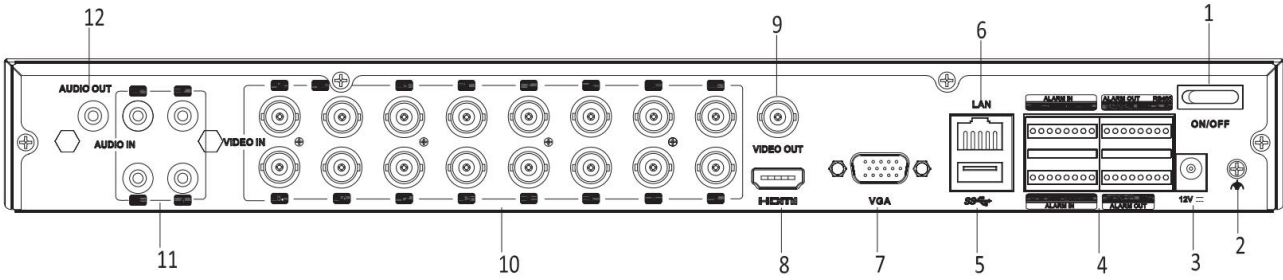
Backup Mode	USB Device/Network
Smart Function	
Smart Detection for Analog	16CH line crossing detection,intrusion detection
VQD	N/A
Smart Detection for QV IPC	Line crossing detection, Area Intrusion detection
Smart Playback for Analog	Line Crossing/Are Intrution/Motion Detection
Smart Playback for QV 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	16-ch
Alarm Output	4-ch
General	
Power Supply	DC12V, 5A
Power Consumption	≤20W (without HDD)
Working Environment	-10°C ~ 55°C (14°F ~ 131°F) Humidity 10% to 90%
Dimension (W × D × H)	380 × 305 × 45 mm (14.96" ×12.00 " × 1.77")
Weight (without HDD)	3.3 kg (7.27 lb)



Dimensions



Rear Panel



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