CONVOY

TURBO HD DVR

CONVOY

CON7100-V3N SERIES
TVI,AHD DVR

Features and Functions

Video Input and Transmission

● Connectable to HDTVI, AHD and analog cameras

● Long distance transmission over UTP and coaxial cable

Compression and Recording

● One-key enable H.264+ compression to improve encoding efficiency by up to 50% and reduce data storage costs

Video Output

● HDMI/VGA output at up to 1920 × 1080 resolution

Storage and Playback

● One SATA interface (up to 6 TB capacity per HDD)

● 4‑ch synchronous playback at   up to 720p resolution

● Smart search for efficient playback

Smart Function

● VQD (Video Quality Diagnostics)

● GUID file can be exported for password resetting and imported for finding the forgotten password

● Supports PTZ control via Omnicast VMS of Genetec protocol

Network & Ethernet Access

● Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management

● One self-adaptive 10/100Mbps network interface

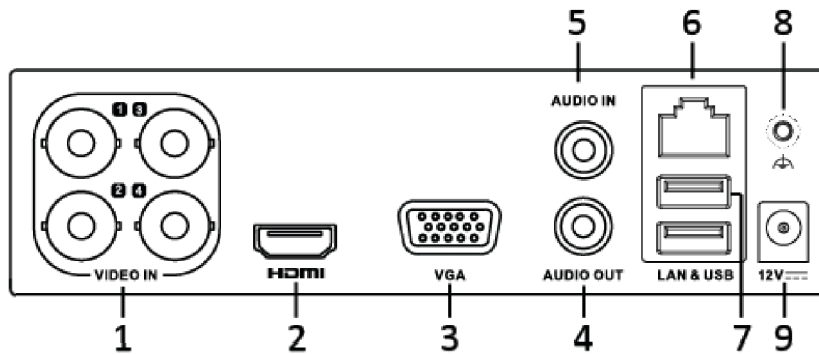● Output bandwidth limit configurable

Specifications

Model		CON7104-V3N
Video/Audio input	Video compression	H.264+/H.264
	Analog video input	4-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVI input	720p25, 720p30
	AHD input	720p25, 720p30
	CVBS input	Support
	Audio input/Two-way audio input	1-ch ,RCA (2.0 Vp-p, 1 KΩ)
Video/Audio output	HDMI/VGA output	1-ch, 1280 × 720/60Hz, 1024 × 768/60Hz
	Encoding resolution	720p/WD1/4CIF/VGA/CIF
	Frame rate	720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)
		Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)
	Audio output	1-ch, RCA (Linear, 1 KΩ)
	Audio bit rate	64 Kbps
	Dual stream	Support
	Stream type	Video, Video & Audio
	Synchronous playback	4-ch
Network management	Remote connections	32
	Network protocols	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Hard disk	SATA	1 SATA interface
	Capacity	Up to 6 TB capacity for each disk
External interface	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface
	USB interface	Rear panel: 2 × USB 2.0
General	Power supply	12 VDC
	Consumption (without HDD)	≤ 8 W
	Working temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)
	Working humidity	10% to 90%
	Dimensions (W × D × H)	200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch)
	Weight (without HDD)	≤ 0.8 kg (1.8 lb)

Physical Interfaces

 NOTE

The rear panel of DS-7108/7116HGHI-F1 provides 8/16 video input interfaces.

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5	AUDIO IN, RCA Connector		