DVR-100G-F1 SERIES TURBO HD DVR

Key Features

Video Input and Transmission

- Connectable to Turbo HD/HDCVI/AHD/CVBS signal input
- Up to 2-ch 960p IP cameras input
- 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
- Supports 1080p lite and when enabled, the image effect is similar with 1080p

Video Output

- Simultaneous HDMI/VGA output at up to 1920 × 1080 resolution
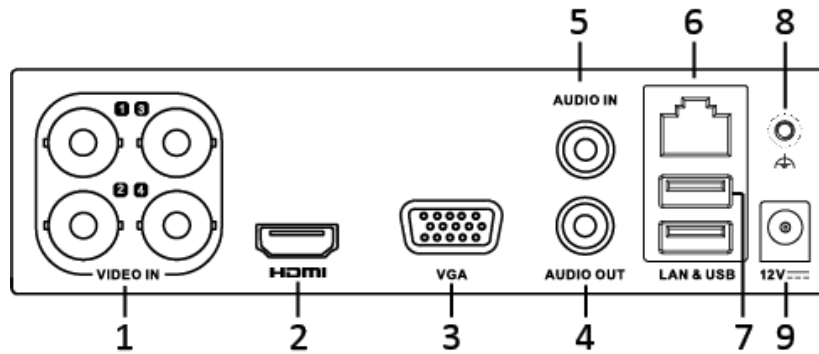
Storage and Playback

- One SATA interface (up to 6 TB capacity per HDD)
- 4/8/16-ch synchronous playback
- Smart search for efficient playback

Smart Function

- VQD (Video Quality Diagnostics)
- Unlock pattern for device login for the *admin* and clear-text password available
- 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-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One self-adaptive 10/100Mbps network interface
- Output bandwidth limit configurable

NOTE

The rear panel of DVR-108G/116G-F1 provides 8/16 video input interfaces.

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2	HDMI Interface	7	USB Interfaces
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4	AUDIO OUT, RCA Connector	9	12 VDC Power Input
5	AUDIO IN, RCA Connector		

Specifications

Model		DVR-104G-F1	DVR-108G-F1		DVR-116G-F1
Video/Audio input	Video compression	H.264+/H.264			
	Analog video input	4-ch	8-ch		16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection			
	Turbo HD input	1080p25, 1080p30, 720p25, 720p30			
	AHD input	1080p25, 1080p30, 720p25, 720p30			
	HDCVI input	1080p25, 1080p30, 720p25, 720p30			
	CVBS input	Support			
	IP video input	1-ch	2-ch		
		Up to 960p resolution			
	Audio compression	G.711u			
	Audio input/Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Video/Audio output	HDMI/VGA output	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz			
	Encoding resolution	When 1080p lite mode not enabled: 720p/WD1/4CIF/VGA/CIF When 1080p lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA/CIF			
	Frame rate	Main stream: When 1080p lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	Main stream: When 1080p lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)		
		Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N)			
	Video bit rate	32 Kbps to 4 Mbps			
	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		8-ch	16-ch
Network management	Remote connections	32		128	
	Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, 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	≤ 12 W		≤ 20 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)			285 × 210 × 45 mm (11.2 × 8.3 × 1.8 inch)
	Weight (without HDD)	≤ 0.8 kg (1.8 lb)			≤ 1.2 kg (2.6 lb)

Applicable Models

DVR-104G-F1, DVR-108G-F1, DVR-116G-F1