

## DVR-100G-F1 SERIES TURBO HD DVR

### Key Features

- Support H.264+/H.264 video compression
- Support HDTV/AVD/CVI/CVBS/IP video input
- Up to 5-ch 1080p IP camera input for DVR-104G-F1 (up to 1080p); Up to 10/18-ch IP camera input for DVR-108/116G-F1 (up to 5 MP)
- Max. 1200 m for 720p HDTV signal transmission



### Compression and Recording

- H.264 + video compression improves encoding efficiency and reduces data storage costs
- Support 1080p lite of all channels. When 1080p lite is on, the image effect is similar with 1080p

### Storage and Playback

- 1 SATA interface (up to 6 TB capacity per HDD)
- Smart search for efficient playback

### Smart Function

- VQD (Video Quality Diagnostics)

### Network & Ethernet Access

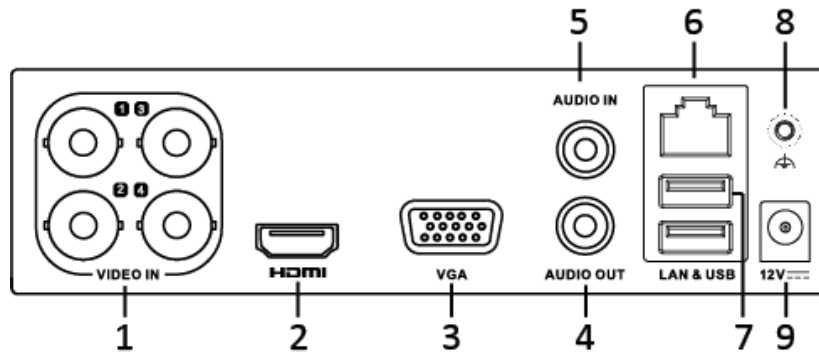
- HiLookVision & DDNS (Dynamic Domain Name System) for easy network management
- Configurable output bandwidth limit

## Specifications

Model	DVR-104G-F1	DVR-108G-F1	DVR-116G-F1
<b>Recording</b>			
<b>Video compression</b>	H.264+/H.264		
<b>Encoding resolution</b>	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		
<b>Frame rate</b>	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)	Sub-stream: CIF/QVGA/QCIF@12fps	
<b>Video bit rate</b>	32 Kbps to 4 Mbps		
<b>Dual stream</b>	Support		
<b>Stream type</b>	Video, Video & Audio		
<b>Audio compression</b>	G.711u		
<b>Audio bit rate</b>	64 Kbps		
<b>Video and Audio</b>			
<b>IP video input</b>	1-ch (up to 5-ch)	2-ch (up to 10-ch)	2-ch (up to 18-ch)
	Up to 1080p resolution	Up to 5 MP resolution	
	Support H.264+/H.264 IP cameras		
<b>Analog video input</b>	4-ch	8-ch	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
<b>Turbo HD input</b>	1080p25, 1080p30, 720p25, 720p30		
<b>AHD input</b>	1080p25, 1080p30, 720p25, 720p30		
<b>HDCVI input</b>	1080p25, 1080p30, 720p25, 720p30		
<b>CVBS input</b>	Support		
<b>HDMI/VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
<b>Audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
<b>Audio output</b>	1-ch, RCA (Linear, 1 KΩ)		
<b>Two-way audio</b>	Reuse the first audio input		
<b>Synchronous playback</b>	4-ch	8-ch	16-ch
<b>Network</b>			
<b>Remote connections</b>	32	128	
<b>Network protocols</b>	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS		

<b>Network interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface		
<b>Auxiliary interface</b>			
<b>SATA</b>	1 SATA interface		
<b>Capacity</b>	Up to 6 TB capacity for each disk		
<b>Alarm in/out</b>	N/A		
<b>USB interface</b>	Rear panel: 2 × USB 2.0		
<b>General</b>			
<b>Power supply</b>	12 VDC		
<b>Consumption (without HDD)</b>	≤ 8 W	≤ 12 W	≤ 20 W
<b>Working temperature</b>	-10 °C to 55 °C (14 °F to 131 °F)		
<b>Working humidity</b>	10% to 90%		
<b>Dimensions (W × D × H)</b>	200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch)	285 × 210 × 45 mm (11.2 × 8.3 × 1.8 inch)	
<b>Weight (without HDD)</b>	≤ 0.8 kg (1.8 lb)	≤ 1.2 kg (2.6 lb)	

## Physical Interfaces



### NOTE

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

No.	Description	No.	Description
1	VIDEO IN	6	LAN Network Interface
2	HDMI Interface	7	USB Interfaces
3	VGA Interface	8	GND
4	AUDIO OUT, RCA Connector	9	12 VDC Power Input
5	AUDIO IN, RCA Connector		

## Available Models

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