

## DP-1200QHI-F1/N SERIES TURBO HD DVR

### Features and Functions



#### Video Input and Transmission

Connectable to HDTV, AHD and analog cameras

Up to 2-ch 1080p IP cameras input for DP-1208/1216Q-F1/N

Long distance transmission over UTP and coaxial cable with max. 1200m for the 720p and max. 800m for the 1080p HDTV signal

#### Compression and Recording

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

Up to 3 MP resolution for recording of the first channel of DP-1204Q-F1/N, the first 2 channels of DP-1208Q-F1/N, and the first 4 channels of DP-1216Q-F1/N

Supports real-time 1080p lite and when enabled, the image effect is similar with 1080p

#### Video Output

Simultaneous HDMI/VGA output at up to 1920 × 1080 resolution for DP-1204/1208Q-F1/N and 4K (3840 × 2160) resolution for HDMI output of DP-1216Q-F1/N

Independent CVBS output improves compatibility at the most possibility and serves as the aux output or live view output only

#### 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

Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

Supports 2-ch line crossing detection and intrusion detection

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

1 gigabit Ethernet network interface (for DP-1216Q-F1/N)

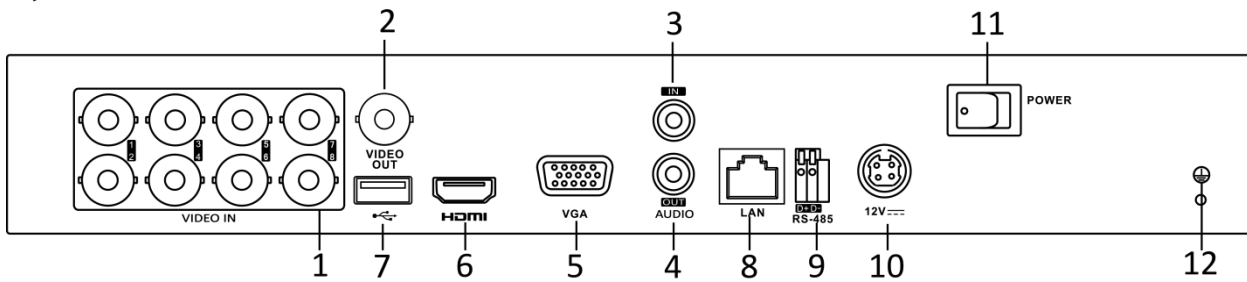
Output bandwidth limit configurable



## Specifications

Model		DP-1204Q-F1/N	DP-1208Q-F1/N	DP-1216Q-F1/N
Video/Audio input	Video compression	H.264+/H.264		
	Analog video input	4-ch	8-ch	16-ch
	HDTVI input	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	AHD input	3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 Note: The 3 MP signal input is only available for the first channel of DP-1204QF1/N, the first 2 channels of DP-1208Q-F1/N, and the first 4 channels of DP-1216Q-F1/N.		
	CVBS input	Support		
	IP video input	1-ch	2-ch	
		Up to 1080p resolution		
	Audio compression	G.711u		
Video/Audio output	Audio input/Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
	HDMI/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Encoding resolution	When 1080p Lite mode not enabled: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 3 MP/1080p lite/720p/VGA/WD1/4CIF/CIF		
	Frame rate	Main stream: When 1080p Lite mode not enabled: For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@12fps For 1080p stream access: 1080p/720p@12fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 3 MP/1080p lite/720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/2CIF@12fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)		
	Video bit rate	32 Kbps to 6 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	128	
Network protocols		TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
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		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	USB interface	2 × USB 2.0		Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0
	Serial interface	RS-485 (half-duplex)		
General	Power supply	12 VDC		
	Consumption (without HDD)	≤ 15 W	≤ 20 W	≤ 30 W
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)		
	Weight (without HDD)	≤ 2 kg (4.4 lb)	≤ 2 kg (4.4 lb)	≤ 2 kg (4.4 lb)

## Physical Interfaces



### NOTE

The rear panel of DP-1204/1216Q-F1/N provide 4/16 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	7	USB Interface
2	VIDEO OUT	8	LAN Network Interface
3	AUDIO IN, RCA Connector	9	RS-485 Serial Interface
4	AUDIO OUT, RCA Connector	10	12 VDC Power Input
5	VGA Interface	11	Power Switch
6	HDMI Interface	12	GND

## Available Models

DP-1204Q-F1/N, DP-1208Q-F1/N, DP-1216Q-F1/N