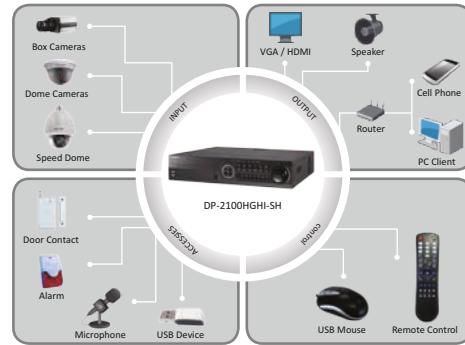


# DP-2104/08/16/24/32HGHI-SH

## Turbo HD DVR

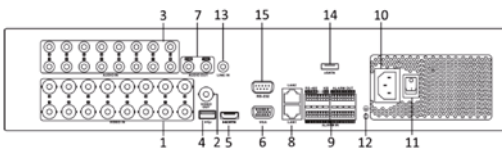
# TURBO HD



### Key features

- H.264 & Dual-stream video compression
- Support HD-TVI/analog/IP camera triple hybrid
- Support both HD-TVI and analog cameras with adaptive access
- Full channel@720P resolution real-time and 1080P no-real-time recording
- HDMI and VGA output at up to 1920×1080P resolution
- Long transmission distance over coax cable
- Support up to 16-ch synchronous playback

### Rear Panel of DS-8100HGHI-SH



- 1 VIDEO IN
- 2 VIDEO OUT
- 3 AUDIO IN, RCA Connector
- 4 USB Port
- 5 HDMI Interface
- 6 VGA Interface
- 7 CVBS AUDIO OUT and VGA AUDIO OUT
- 8 LAN1 LAN2 Network Interfaces
- 9 RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT
- 10 100~240V AC Power Input
- 11 Power Switch
- 12 GND
- 13 LINE IN
- 14 eSATA Interface
- 15 RS-232 Serial Port

	DP-2104HGHI-SH	DP-2108HGHI-SH	DP-2116HGHI-SH	DP-2124HGHI-SH	DS-2132HGHI-SH
<b>Video/Audio input</b>					
Video compression	H.264				
Analog and HD-TVI video input	4-ch	8-ch	16-ch	24-ch	32-ch
	BNC interface (1.0Vp-p, 75 Ω)				
Supported camera types	720P25, 720P30, 720P50, 720P60, 1080P25, 1080P30, CVBS				
IP video input	1-ch (up to 4-ch) Up to 2MP resolution	2-ch (up to 8-ch)	2-ch (up to 16-ch)	16-ch (up to 32-ch)	
Audio compression	G.711u				
Audio input	4-ch	8-ch	16-ch		
	RCA (2.0 Vp-p, 1 KΩ)				
Two-way audio in	1-ch, RCA (2.0 Vp-p, 1 KΩ)				
<b>Video/Audio output</b>					
HDMI / VGA output	1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz				
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480				
Encoding resolution	Main stream: 1080P (non-real-time) / 720P / WD1 / VGA / 4CIF / CIF Sub-stream: WD1(non-real-time) / 4CIF(non-real-time) / CIF / QCIF / QVGA				
Frame rate	Main stream: 1/16 fps ~ Real time frame rate Sub-stream: 1/16 fps ~ Real time frame rate				
Video bitrate	32 Kbps-6 Mbps				
Audio output	2-ch, RCA (Linear, 1KΩ, for VGA output and CVBS output respectively)				
Audio bitrate	64 Kbps				
Dual-stream	Support				
Stream type	Video, Video & Audio				
Synchronous playback	4-ch	8-ch	16-ch	24-ch	32-ch
Playback resolution	1080P / 720P / VGA / WD1 / 4CIF / CIF / QVGA / QCIF				
<b>Network management</b>					
Remote connections	128				
Network protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS				
<b>Hard disk</b>					
Type	8 SATA interfaces for 8 HDDs; 1 eSATA interface				
Capacity	Up to 4 TB capacity for each disk				
<b>External interface</b>					
Network interface	2; 10M / 100M / 1000M self-adaptive Ethernet interface				
Serial interface	RS-232, RS-485, Keyboard				
Alarm in/out	16 / 4				
USB port	3 × USB2.0				
<b>General</b>					
Power supply	100 ~ 240VAC, 47 ~ 63HZ				
Consumption (without hard disks)	≤ 30W	≤ 40W	≤ 55W	≤ 60W	≤ 67W
Working temperature	-10 °C ~+55 °C (14 °F ~ 131 °F)				
Working humidity	10% ~ 90%				
Chassis	19-inch rack-mounted 2U chassis				
Dimensions (W × D × H)	445 × 470 × 90 mm (17.5 × 18.5 × 3.5 inch)				
Weight (without hard disks)	≤ 8Kg (17.6 lb)				