

## DVR-200Q-K2 SERIES TURBO HD DVR



### Key Features

#### Video Input and Transmission

- Self-adaptive HDTV/HD/SD/TV signal input
- Up to 12/24-ch 6 MP IP cameras input for DVR-208/216Q-K2
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTV signal

#### Compression and Recording

- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- Connectable to H.265+/H.265/H.264+/H.264 IP cameras
- H.265+ can be enabled to improve encoding efficiency and reduce data storage costs
- Up to 4 MP lite resolution for recording

#### Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution for DVR-216Q-K2

#### Storage and Playback

- Two SATA interfaces (up to 10 TB capacity per HDD)
- 4/8/16-ch synchronous playback
- Smart search for efficient playback
- Supports the 3<sup>rd</sup> party cloud storage

#### Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports 4-ch line crossing detection and intrusion detection
- VQD (Video Quality Diagnostics)

#### Network & Ethernet Access

- HiLookVision & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M Ethernet network interface for DVR-208Q-K2, and 1 RJ45 10M/100M/1000M Ethernet network interface for DVR-216Q-K2
- Output bandwidth limit configurable

## Specification

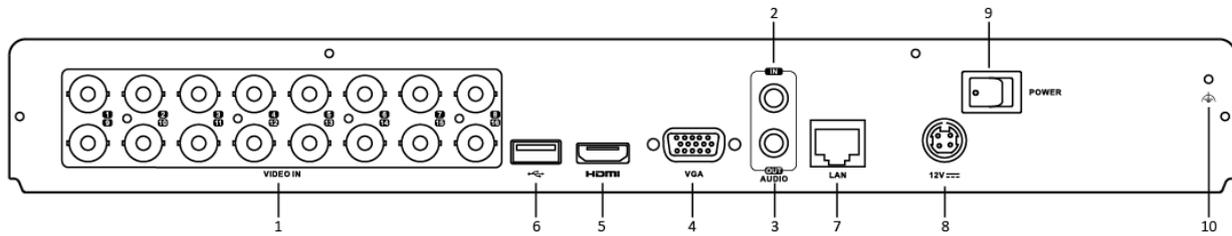
Model	DVR-208Q-K2	DVR-216Q-K2
<b>Perimeter Protection<sup>1</sup></b>		
<b>Line Crossing Detection/ Intrusion Detection</b>	2-ch  Enhanced VCA mode on: 4-ch	
<b>Recording</b>		
<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
<b>Encoding resolution</b>	When 1080p Lite mode not enabled: 4MP lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p/VGA/WD1/4CIF/CIF	
<b>Frame rate</b>	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p....@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/...@25fps (P)/30fps (N) For 720p stream access: 720p/VGA...@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/2CIF@12fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)	
<b>Video bit rate</b>	32 Kbps to 6 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<sup>2</sup></b>	2-ch (up to 10-ch)	2-ch (up to 18-ch)
	Enhanced IP mode on: 4-ch (up to 12-ch), each up to 4 Mbps  Up to 6 MP resolution	Enhanced IP mode on: 8-ch (up to 24-ch), each up to 4 Mbps
<b>Analog video input</b>	8-ch	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
<b>HDTV input</b>	4MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 <b>Note:</b> The 3 MP signal input is only available for the first 2 channels of DVR-208Q-K2, and the first 4 channels of DVR-216Q-K2.	
<b>AHD input</b>	4MP, 1080p25, 1080p30, 720p25, 720p30	
<b>HDCVI input</b>	4MP, 1080p25, 1080p30, 720p25, 720p30	
<b>CVBS input</b>	PAL/NTSC	
<b>VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
<b>HDMI output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 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>	1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ ) (using the audio input)	
<b>Synchronous playback</b>	8-ch	16-ch
<b>Network</b>		
<b>Remote connection</b>	64	128
<b>Network protocol</b>	TCP/IP, PPPoE, DHCP, HiLookVision, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	
<b>Network interface</b>	1, RJ45 10/100 Mbps self-adaptive Ethernet interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>Auxiliary interface</b>		
<b>SATA</b>	2 SATA interfaces	
<b>Capacity</b>	Up to 10 TB capacity for each disk	
<b>USB interface</b>	Real panel: 2 $\times$ USB 2.0	Front panel: 1 $\times$ USB 2.0 Rear panel: 1 $\times$ USB 3.0
<b>Alarm in/out</b>	N/A	
<b>General</b>		
<b>Power supply</b>	12 VDC	
<b>Consumption (without HDD)</b>	$\leq 7.5$ W	$\leq 25$ W
<b>Working temperature</b>	-10 $^{\circ}$ C to +55 $^{\circ}$ C (+14 $^{\circ}$ F to +131 $^{\circ}$ F)	
<b>Working humidity</b>	10% to 90%	
<b>Dimension (W <math>\times</math> D <math>\times</math> H)</b>	380 $\times$ 320 $\times$ 48 mm (15.0 $\times$ 12.6 $\times$ 1.9 inch)	
<b>Weight (without HDD)</b>	$\leq 1.78$ kg (3.9 lb)	$\leq 2$ kg (4.4 lb)

**Note:**

- 1: Enabling enhanced VCA mode will maximize the connectable channel number for perimeter protection (line crossing detection and intrusion detection), but disable 2K/4K HDMI output resolution and 4 MP signal input.
- 2: Enhanced IP mode might be conflicted with smart events (perimeter protection) or other functions, please refer to the user manual for details.

## Physical Interface



**Note:**

The rear panel of DVR-208Q/216Q-K2 provides 8/16 video input interfaces.

No.	Description	No.	Description
1	VIDEO IN	6	USB Interface
2	AUDIO IN	7	Network Interface
3	AUDIO OUT	8	Power Supply
4	VGA	9	Power Switch
5	HDMI	10	GND

### Available Model

DVR-208Q-K2, DVR-216Q-K2