

# DVR-204Q-M1 TURBO HD DVR

## **Key Feature**

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Audio via coaxial cable
- Up to 6-ch IP camera inputs (up to 6 MP)
- Up to 1080p@15 fps encoding capability















#### **Smart Function**

• Deep learning based human and vehicle targets classification of Motion Detection 2.0

### **Compression and Recording**

• H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs

## **Storage and Playback**

- 1 SATA interface (up to 10 TB capacity)
- Smart search for efficient playback

## **Network & Ethernet Access**

- Compatible with major Wi-Fi dongle products in the market
- HiLookVision & DDNS (Dynamic Domain Name System) for easy network management



# Specification

Motion Detection 2.0				
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels,			
	it can classify human and vehicle, and extremely reduce false alarms caused by objects			
	like leaves and lights;			
	Quick search by object or event type is supported;			
Recording				
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264			
Encoding Resolution	When 1080p Lite mode is not enabled:			
	4 MP Lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF;			
	When 1080p Lite mode is enabled:			
	4 MP Lite/1080p Lite/720p lite/VGA/WD1/4CIF/CIF			
	Main stream:			
	When 1080p Lite mode is not enabled:			
	For 4 MP stream access:			
	4 MP lite@15 fps; 1080p Lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)			
	For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps			
Frame Rate	For 1080p stream access:			
Frame Rate	1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)			
	For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)			
	When 1080p Lite mode is enabled:			
	4 MP Lite@15 fps; 1080p Lite/720p Lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)			
	Sub-stream:			
	WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)			
Video Bitrate	32 Kbps to 6 Mbps			
Dual-stream	Support			
Stream Type	Video, Video & Audio			
Audio Compression	G.711u			
Audio Bitrate	64 Kbps			
Video and Audio				
	1-ch (up to 5-ch)			
IP Video Input				
	Enhanced IP mode on:			
	2-ch (up to 6-ch), each up to 4 Mbps			
	Up to 6 MP resolution			
	Support H.265+/H.265/H.264+/H.264 IP cameras			



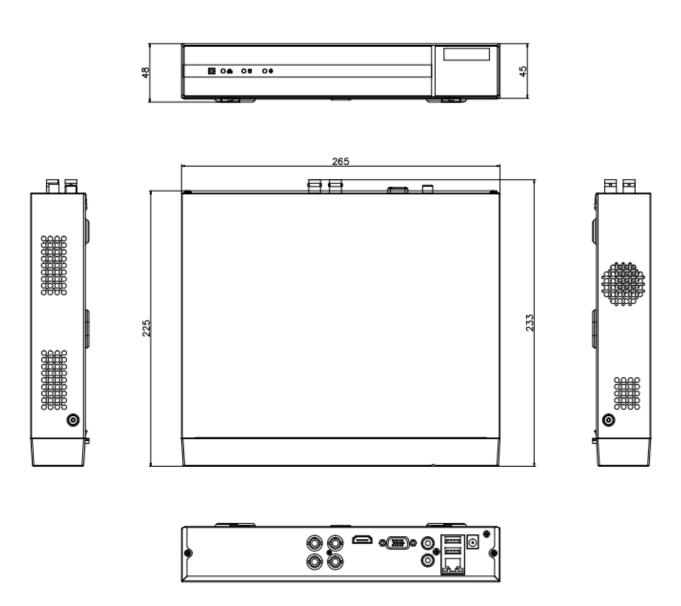
Analog Video Input	4-ch		
	BNC interface (1.0 Vp-p, 75 $\Omega$ ), supporting coaxitron connection		
HDTVI Input	3K(2960 x 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4		
	MP(2560 × 1440)@25 fps,1080p@30 fps, 1080p@25 fps,720p@30 fps, 720p@25 fps		
AHD Input	5 MP(2560 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps,		
	1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps		
HDCVI Input	5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps,		
	1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps		
CVBS Input	Support		
HDMI Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
Video Output Mode	HDMI/VGA simultaneous output		
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
	4-ch via coaxial cable		
Audio Output	1-ch, RCA (Linear, 1 KΩ)		
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ ) (using the first audio input)		
Synchronous Playback	4-ch		
Network			
Total Bandwidth	72 Mbps		
Remote Connection	32		
Network Protocol	TCP/IP, PPPoE, DHCP, HiLookVision, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface		
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface		
Auxiliary Interface			
SATA	1 SATA interface		
Capacity	Up to 10 TB capacity for each disk		
Alarm In/Out	N/A		
USB Interface	Real panel: 2 × USB 2.0		
General			
Power Supply	12 VDC, 1.5 A		
Consumption	≤ 8 W (without HDD)		
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)		
Working Humidity	10% to 90%		
Dimension (W × D × H)	260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch)		
Weight	≤ 1 kg (without HDD, 2.2 lb.)		



#### Note:

Enhanced IP mode might be conflicted with smart events (motion detection 2.0) or other functions, please refer to the user manual for details.

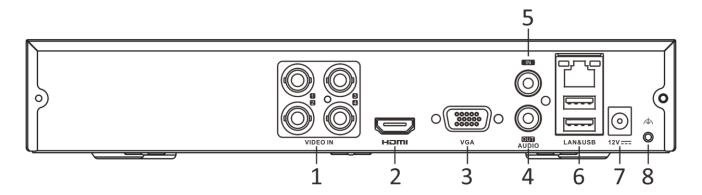
### Dimension



scale/1:1;Unit/mm



# **Physical Interface**



No.	Description	No.	Description
1	Video and coaxial audio in	5	AUDIO IN, RCA connector
2	HDMI interface	6	LAN network interface and USB interface
3	VGA interface	7	12 VDC power input
4	AUDIO OUT, RCA connector	8	GND

## **Available Model**

DVR-204Q-M1



#### Headquarters

No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 Technical Support: support@hikvision.com

Follow us on social media to get the latest product and solution information.











