

• • • h

iDS-7200HQHI-M1/FA SERIES TURBO ACUSENSE DVR

Key Feature

- Deep learning-based behavior analysis or face picture comparison
- 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 6/12/24-ch IP camera inputs (up to 6 MP)
- Max. 800 m for 1080p and 1,200 m for 720p HDTVI signal transmission
- Up to 10 TB capacity per HDD



Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 1080p resolution

Storage and Playback

- Smart search for efficient playback
- Support the third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Deep learning-based behavior analysis (line crossing and intrusion detection) or facial recognition
- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable





Specification

5 face picture librar bacity ≤ 80 MB) e picture comparis ch ro+/H.265 Pro/H.2 ream: 080p lite mode no P stream access: e@15 fps; 1080p li P stream access: 3 Op stream access: 3 20p@15 fps; VGA o stream access: 72	Up to 4-ch 65/H.264+/H.264 t enabled: ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 t	25 fps (P)/30 fps (N) CIF/CIF@15 fps fps (N)			
5 face picture librar bacity ≤ 80 MB) e picture comparis ch ro+/H.265 Pro/H.2 ream: 080p lite mode no P stream access: e@15 fps; 1080p li P stream access: 3 Op stream access: 3 20p@15 fps; VGA o stream access: 72	ries, with up to 500 face picture on alarm Up to 4-ch 65/H.264+/H.264 t enabled: ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 t	25 fps (P)/30 fps (N) CIF/CIF@15 fps fps (N)			
bacity ≤ 80 MB) e picture comparis ch ro+/H.265 Pro/H.2 ream: 080p lite mode no P stream access: e@15 fps; 1080p li P stream access: 3 0p stream access: 3 20p@15 fps; VGA o stream access: 72	on alarm Up to 4-ch 65/H.264+/H.264 t enabled: ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 f	25 fps (P)/30 fps (N) CIF/CIF@15 fps fps (N)			
e picture comparis ch ro+/H.265 Pro/H.2 ream: 080p lite mode no P stream access: e@15 fps; 1080p li P stream access: 3 Op stream access: 3 20p@15 fps; VGA o stream access: 72	Up to 4-ch 65/H.264+/H.264 t enabled: ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 t	CIF/CIF@15 fps			
ch ro+/H.265 Pro/H.2 ream: 080p lite mode no P stream access: e@15 fps; 1080p li P stream access: 3 0p stream access: 20p@15 fps; VGA o stream access: 72	Up to 4-ch 65/H.264+/H.264 t enabled: ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 t	CIF/CIF@15 fps			
ro+/H.265 Pro/H.2 ream: 080p lite mode no P stream access: e@15 fps; 1080p li P stream access: 3 0p stream access: 720p@15 fps; VGA o stream access: 72	65/H.264+/H.264 t enabled: ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 t	CIF/CIF@15 fps			
ro+/H.265 Pro/H.2 ream: 080p lite mode no P stream access: e@15 fps; 1080p li P stream access: 3 0p stream access: 720p@15 fps; VGA o stream access: 72	65/H.264+/H.264 t enabled: ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 t	CIF/CIF@15 fps			
ream: 080p lite mode no P stream access: e@15 fps; 1080p li P stream access: 3 Op stream access: 720p@15 fps; VGA o stream access: 72	t enabled: ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 t	CIF/CIF@15 fps			
ream: 080p lite mode no P stream access: e@15 fps; 1080p li P stream access: 3 Op stream access: 720p@15 fps; VGA o stream access: 72	t enabled: ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 t	CIF/CIF@15 fps			
080p lite mode no P stream access: e@15 fps; 1080p li P stream access: 3 Op stream access: 720p@15 fps; VGA o stream access: 72	ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 t	CIF/CIF@15 fps			
P stream access: e@15 fps; 1080p li P stream access: 3 Op stream access: 720p@15 fps; VGA o stream access: 72	ite/720p/WD1/4CIF/VGA/CIF@ MP/1080p/720p/VGA/WD1/40 /WD1/4CIF/CIF@25 fps (P)/30 t	CIF/CIF@15 fps			
e@15 fps; 1080p li P stream access: 3 Op stream access: 720p@15 fps; VGA p stream access: 72	MP/1080p/720p/VGA/WD1/40	CIF/CIF@15 fps			
P stream access: 3 Op stream access: 720p@15 fps; VGA o stream access: 72	MP/1080p/720p/VGA/WD1/40	CIF/CIF@15 fps			
Dp stream access: 720p@15 fps; VGA p stream access: 72	/WD1/4CIF/CIF@25 fps (P)/30 1	fps (N)			
20p@15 fps; VGA o stream access: 72					
o stream access: 72					
	20p/VGA/WD1/4CIF/CIF@25 fp	(P)/30 fpc (N)			
080n Lite mode en		For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)			
When 1080p Lite mode enabled:					
4 MP lite/3 MP@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)					
32 Kbps to 6 Mbps					
Support					
Video, Video & Audio					
G.711u					
64 Kbps					
to 5-ch)	2-ch (up to 10-ch)	2-ch (up to 18-ch)			
nced mode on:	IP enhanced mode on:	IP enhanced mode on:			
to 6-ch), each	4-ch (up to 12-ch), each up	8-ch (up to 24-ch), each up			
Mbps	to 4 Mbps	to 4 Mbps			
Up to 6 MP resolution					
Support H.265+/H.265/H.264+/H.264 IP cameras					
	8-ch	16-ch			
BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection					
4 MP lite, 3 MP, 1080p30, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps					
*: The 3 MP signal input is only available for channel 1 of iDS-7204HQHI-M1/FA, for					
channel 1/2 of iDS-7208HQHI-M1/FA, and for channel 1/2/3/4 of iDS-7216HQHI-					
M1/FA.					
4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps					
	e/3 MP@15 fps; 1 am: CIF@12 fps; CIF@2 to 6 Mbps (ideo & Audio (ideo & Audio to 5-ch) nced mode on: to 6-ch), each Mbps MP resolution H.265+/H.265/H.3 erface (1.0 Vp-p, 7 e, 3 MP, 1080p30, 25 fps MP signal input is 1/2 of iDS-7208H	080p Lite mode enabled: e/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4 eam: CIF@12 fps; CIF@25 fps (P)/30 fps (N) to 6 Mbps //ideo & Audio //ideo & Audi			

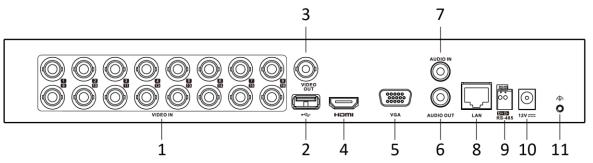
HIKVISION°

HDCVI input	4 MP. 1080p@25 fps. 1080		o@30 fps		
CVBS input	PAL/NTSC				
	1-ch, BNC (1.0 Vp-p, 75 Ω),				
CVBS output	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/VGA simultaneous output				
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)				
	4-ch via coaxial cable	8-ch via coaxial cable	16-ch via coaxial cable		
Audio output	1-ch, RCA (Linear, 1 KΩ)				
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)			
Synchronous playback	4-ch	8-ch	16-ch		
Network		·			
Remote connection	32	64	128		
	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS,				
Network protocol	ONVIF				
			1, RJ45 10/100/1000 Mbps		
Network interface	1, RJ45 10/100 Mbps self-	self-adaptive Ethernet			
		interface			
Auxiliary interface					
SATA	1 SATA interface, up to 10	TB capacity for each disk			
Serial interface	RS-485 (half-duplex)				
USB interface	Front panel: 1 × USB 2.0;	Front panel: 1 × USB 2.0;			
	Rear panel: 1 × USB 2.0	Rear panel: 1 × USB 3.0			
Alarm in/out	N/A				
General					
Power supply	12 VDC, 1.5 A	12 VDC, 2 A			
Consumption					
(without HDD)	≤ 18 W	≤ 24 W			
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)				
Working humidity	10% to 90%				
Dimension (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)				
Weight (without HDD)	$\leq 1.16 \text{ kg} (2.6 \text{ lb}) \leq 1.78 \text{ kg} (3.9 \text{ lb}) \leq 2 \text{ kg} (4.4 \text{ lb})$				

Note:

1: Facial analysis and human/vehicle analysis cannot be enabled at the same time. Enable one function will make the other one unavailable.

Physical Interface



*: The rear panel of iDS-7204HQHI-M1/FA provides 4 video input interfaces. The rear panel of iDS-7208HQHI-M1/FA provides 8 video input interfaces.

No.	Description	No.	Description
1	VIDEO IN	7	AUDIO IN, RCA connector
2	USB interface	8	LAN network interface
3	VIDEO OUT	9	RS-485 serial interface
4	HDMI interface	10	12 VDC power input
5	VGA interface	11	GND
6	AUDIO OUT, RCA connector		

Available Model

iDS-7204HQHI-M1/FA, iDS-7208HQHI-M1/FA, iDS-7216HQHI-M1/FA

Distributed by



L



Headquarters

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

Hikvision USA T +1-909-895-0400 sales.usa@hikvision.com

Hikvision Australia T +61-2-8599-4233 salesau@hikvision.com

Hikvision India T +91-22-28469900 sales@pramahikvision.com

Hikvision Canada T +1-866-200-6690 sales.canada@hikvision.com

Hikvision Thailand T +662-275-9949 sales.thailand@hikvision.com Hikvision Europe T +31-23-5542770 sales.eu@hikvision.com

info.it@hikvision.com

Hikvision Italy T +39-0438-6902

Hikvision Brazil T +55 11 3318-0050 Latam.support@hikvision.com

Hikvision Turkey T +90 [216]521 7070- 7074 sales.tr@hikvision.com

Hikvision Malaysia T +601-7652-2413 sales.my@hikvision.com Hikvision UK & Ireland T +01628-902140 sales.uk@hikvision.com

Hikvision South Africa Tel: +27 (10) 0351172 sale.africa@hikvision.com

Hikvision France T +33(0)1-85-330-450 info.fr@hikvision.com

Hikvision Kazakhstan T +7-727-9730667 nikia.panfilov@hikvision.ru

Hikvision Vietnam T +84-974270888 sales.vt@hikvision.com Hikvision UAE T +971-4-4432090 salesme@hikvision.com

Hikvision Singapore T +65-6684-4718

sg@hikvision.com Hikvision Spain

T +34-91-737-16-55 info.es@hikvision.com

Hikvision Tashkent T +99-87-1238-9438 uzb@hikvision.ru

Hikvision Hong Kong T +852-2151-1761 info.hk@hikvision.com Hikvision Russia T +7-495-669-67-99 saleru@hikvision.com

Hikvision Korea T +82-(0)31-731-8817 sales.korea@hikvision.com

Hikvision Poland T +48-22-460-01-50 info.pl@hikvision.com

Hikvision Indonesia T +62-21-2933759 Sales.Indonesia@hikvision.com

Hikvision Colombia sales.colombia@hikvision.com

04240001091119

© Hikvision Digital Technology Co., Ltd. 2019 | Data subject to change without notice |