

## DS-7604NI-I1/4P



### Features and Functions

#### Professional and Reliable

- New logical and visualized GUI design
- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

#### Video Input and Transmission

- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol) which provides more secure stream transmission service (max. 128 Mbps TLS stream outgoing bandwidth)
- Up to 4-ch cameras can be connected (up to 12 MP)
- Connectable to the third-party network cameras

#### Compression and Recording

- H.265+ compression effectively reduces the storage space and costs by up to 75%
- Full channel recording at up to 12 MP resolution

#### HD Video Output

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K (3840 × 2160) resolution

#### Storage and Playback

- Up to 1 SATA interface for HDD connection
- 4-ch synchronous playback at up to 8MP resolution
- Important files management
- HDD health monitoring

#### Smart & POS Function

- Supports multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports VCA search for fire/ship/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm

#### Network & Ethernet Access

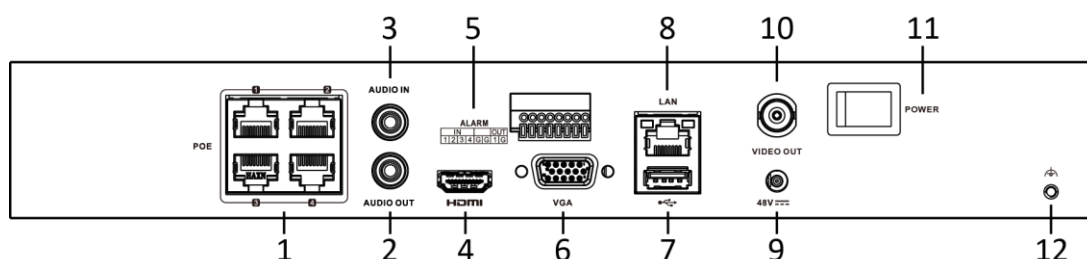
- Hik-Connect for easy network management
- Gigabit Ethernet network interface
- 4 independent PoE network interfaces are provided
- Long distance (100-300 m) network transmission via PoE



## Specifications

Model	DS-7604NI-I1/4P	
Video/Audio input	IP video input	4-ch Up to 12 MP resolution
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Network	Incoming bandwidth	40 Mbps
	Outgoing bandwidth	256 Mbps
	Remote connection	128
	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p /VGA/4CIF /DCIF/2CIF/CIF/QCIF
	CVBS output (Optional)	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
	HDMI output resolution	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	VGA output resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;
	Audio output	1-ch, RCA (Linear, 1 KΩ)
Decoding	Decoding format	H.265/H.265+/H.264/H.264+/MPEG4
	Live view/Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p /VGA/4CIF /DCIF/2CIF/CIF/QCIF
	Synchronous playback	4-ch
	Capability	2-ch@12 MP (20fps)/4-ch@8 MP (25fps)/8-ch@4 MP (30fps)
Network management	Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Hard disk	SATA	1 SATA interface
	Capacity	Up to 8 TB capacity for each HDD
External interface	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
	USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
	Alarm in/out	4/1
PoE Interface	Interface	4 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
	Power	≤ 90 W
	Supported standard	IEEE 802.3 af/at
General	Power supply	48 VDC, 1.8 A
	Consumption (without hard disk and PoE off)	≤ 15 W
	Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Working humidity	10 to 90 %
	Dimensions(W × D × H)	315 × 240 × 48 mm (12.4" × 9.4" × 1.9")
	Weight (without hard disk)	≤ 1.18 Kg (2.6 lb)

## Physical Interface



Index	Description	Index	Description
1	Network Interfaces with PoE function	7	USB 3.0 Interface
2	AUDIO OUT	8	LAN Interface
3	AUDIO IN	9	48 VDC power supply
4	HDMI Interface	10	VIDEO OUT
5	ALARM IN/OUT	11	Power Switch
6	VGA Output (DB9 Connector)	12	GND

## Available Model

DS-7604NI-I1/4P

Distributed by



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