DS-7700NI-I4 SERIES NVR

Features and Functions

Professional and Reliable

- Dual-OS design to ensure high reliability of system running. The system has Linux embedded with the Pentaplex function
- The system has language: Portuguese and English
- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- Support different levels of the user with the possibility of the lock cameras for the user. Support 10 user connection in the same time. Support, remote configuration of the system, playback, download, log of the system, update of the device and cameras. Update of the firmware by local system and remote system. Backup of the configuration file.

Video Input and Transmission

- Up to 32-ch 12 MP IP cameras can be connected with control of the bit rate per channel. Network interface control
- Real time live view and playback. Web Server with remote access . Format of the video AVI, ASF.

Compression and Recording

- H.264+ compression effectively reduces the storage space and costs by up to 50%
- Full channel recording at up to 12MP resolution.

Storage and Playback

- Up to 4 SATA interfaces and 1 eSATA interface connectable for recording and backup
- Smart search for efficient playback. Backup by USB interface, by networking and FTP.
- 8/16-ch synchronous playback at up to 1080p resolution with the option to search by date, hour, seconds and motion detection. Support zoom digital in the câmera and playback.

Smart &POS Function

- The system possibility: live view, playback, record, backup and remote access in the same time.
- Functions: motion detection, loss video, masking of the camera, and offline camera.
- Support of the visualization of the: name of camera, hour, date, record status, motion detection, loss video, lock of the camera, status of the HD, statics of the transmission, log of the events, firmware version, online users and input 4 regions of the mask private
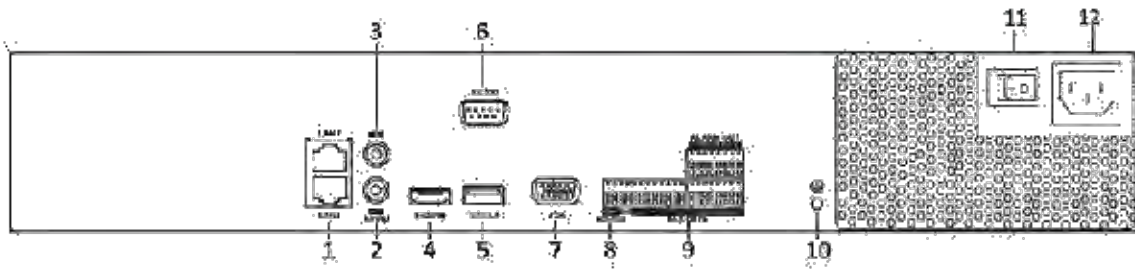
Network & Ethernet Access

- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management. IVMS 4200 free included.

Model		DS-7708NI-I4	DS-7716NI-I4	DS-7732NI-I4
Video/Audio input	**IP video input**	8-ch	16-ch	32-ch
		Up to 12 MP resolution		
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)		
Network	**Incoming bandwidth**	80 Mbps	160 Mbps	256 Mbps
	Outgoing bandwidth	256 Mbps		
	Remote connection	32	128	
Video/Audio output	**Recording resolution**	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/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, 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		
	Mode of the view	Mosaic with the mode 1, 4, 8, 9 and 16		
Decoding	**Decoding format**	H.265/H.265+/H.264/H.264+/MPEG4/MJPEG		
	Live view / Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF		
	Synchronous playback	8-ch	16-ch	32-ch
	Rate recording frame rate	2-ch @ 4K, or 8-ch @ 1080p – 30fps	4-ch @ 4K, or 16-ch @ 1080p – 30fps	4-ch @ 4K, or 32-ch @ 1080p – 30fps
Network management	**Network protocols**	IPV4 and IPV6, TCP/IP, DHCP, HIK Cloud P2P (DDNS of the Hikvision), DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, DYNDNS, NO-IP, FTP, IP filter, HTTP, RTSP, search IP, alarm server, UDP, PPPoE. Send email for 3 differents addres with alerts and photos. Alarm of the disconnect networking		
Hard disk	**SATA**	4 SATA interfaces for 4HDDs		
	Capacity	Up to 6TB capacity for each HDD		
	Functions	Manager HD, error of the record, limited of HD, erro HD. Search of the events: Motion detection, alarm, regular with the hour and date precision. Tags for the mark of the events, 5 speeds of the playback and selection of the file to playback.		
External interface	**Network interface**	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface, with the possibility to have redundancy networking.		
	Serial interface	1 RS-485 (half-duplex), 1 RS-232		
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0, backup of the image by HD external and drive DVD-RW		
	Alarm in/out	16/4		
General	**Power supply**	100 to 240 VAC with 60hz		
	Power	≤80 W		
	Consumption (without hard disk)	≤20 W		
	Working temperature	-10 to +55º C (+14 to +131º F)		
	Working humidity	10 to 90 %		
	Chassis	19-inch rack-mounted 1U chassis		
	Dimensions (W × D × H)	385 × 315× 44.45 mm (15.2" 12.4" 1.75")		

	Weight (without hard disk)	≤ 5 kg (11 lb)

Physical Interfaces

Index	Description	Index	Description
1	LAN1 and LAN2 Interfaces	**7**	VGA Output (DB9 Connector)
2	AUDIO OUT	**8**	RS-485 Serial Interface
3	AUDIO IN	**9**	Controller Port, Alarm In/Alarm Out
4	HDMI Interface	**10**	GND
5	USB 3.0 Interface	**11**	100 to 240 VAC power supply
6	RS-232 Serial Interface	**12**	Power Switch

Available Models

DS-7708NI-I4, DS-7716NI-I4, DS-7732NI-I4

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