NRA10-32 / NRA10-64

NETWORK VIDEO RECORDER

Key Features

Professional and Reliable

- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network disconnected
- HDD hot swap with RAID0, RAID1, RAID5 and RAID10 storage scheme configurable

HD Input

- H.265/H.264+/H.264/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 64 IP cameras can be connected
- Recording at up to 12 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 12 MP resolution

HD Output

- HDMI1/VGA1 and HDMI2/VGA2 outputs provided
- HDMI1 Video output at up to 4K (3840 × 2160) resolution

HD Storage

- Up to 8 SATA interfaces and 1 eSATA interface connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

HD Transmission

- 2 self-adaptive 10M/100M/1000M network interfaces, and two working modes are configurable: multi-address and network fault tolerance

Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Hikvision a nd the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels
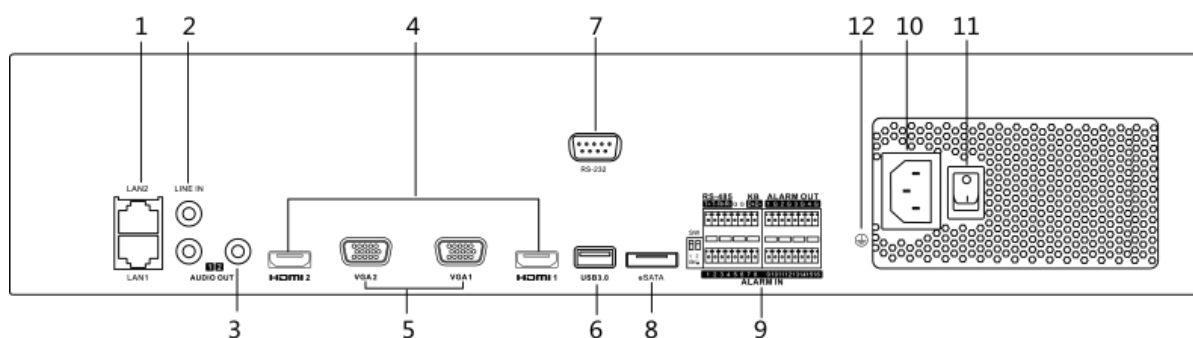
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Specifications

Model		NRA10-32	NRA10-64
Video/Audio input	IP video input	32-ch	64-ch
		Up to 12 MP resolution	
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1kΩ)	
Network	Incoming bandwidth	320 Mbps, or 200 Mbps (when RAID is enabled)	320 Mbps, or 200 Mbps (when RAID is enabled)
	Outgoing bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled)	
	Remote connection	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	
	VGA1 /HDMI1 output resolution	HDMI1: 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	
		VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	VGA2 /HDMI2 output resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	Audio output	2-ch, RCA (2.0Vp-p, 1 KΩ)	
Decoding	Decoding format	H.265/H.264/MPEG4	
	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	16-ch	
	Capability	4-ch @4K, or 16-ch @ 1080p	
Hard disk	SATA	8 SATA interfaces for 8HDDs	
	eSATA	1 eSATA interface	
	Capacity	Up to 6TB capacity for each HDD	
Disk array	Array type	RAID0, RAID1, RAID5, RAID10	
	Number of arrays	4	
External interface	Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
	Serial interface	RS-232; RS-485; Keyboard	
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	
	Alarm in/out	16/4	
General	Power supply	100 to 240 VAC, 50 to 60 Hz	
	Max. Power	200 W	
	Consumption (without hard disk)	≤30 W	
	Working temperature	-10 to +55°C (14 to 131°F)	
	Working humidity	10 to 90 %	
	Chassis	19-inch rack-mounted 2U chassis	
	Dimensions(W × D × H)	445 × 470 ×90 mm (17.5"× 18.5" × 3.5")	
	Weight(without hard disk)	≤ 10 Kg (22 lb)	

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Physical Interfaces

Index	Description
1	LAN1/LAN2 Interface, 2 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interfaces provided.
2	LINE IN, RCA connector for audio input.
3	AUDIO OUT, RCA connector for audio output.
4	HDMI1/HDMI2, HDMI video output connector.
5	VGA1/VGA2, DB9 connector for VGA output. Display local video output and menu.
6	USB 3.0 Interface
7	RS-232 Interface
8	eSATA Interface
9	Controller Port, Alarm In/Alarm Out
10	100 to 240 VAC power supply
11	Power Switch
12	GND