

THK-NRT10-256/i24

256-ch 4U 4K Super NVR

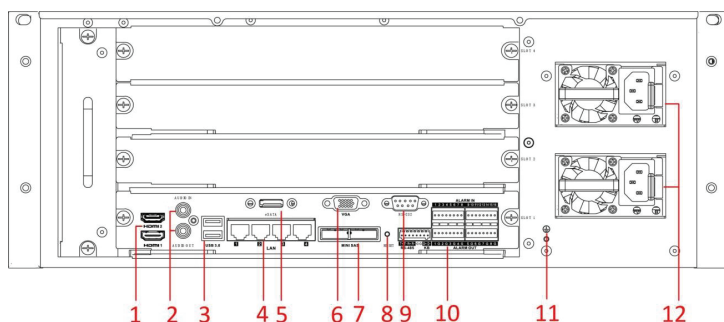


KEY FEATURES

- Up to 256 channel IP cameras can be connected
- Supports decoding H.265+/H.265/H.264+/H.264/MPEG4/MJPEG video formats
- Up to 12 MP high-definition live view, storage and playback
- Up to 768 Mbps high incoming bandwidth ensures IP cameras can be connected
- 2 HDMI (different source) and 1 VGA interfaces
- 24 HDD can be used for continuous video recording
- Compatible with third-party network cameras
- Supports some specialist cameras, including people counting camera/ANPR (automatic number plate recognition) camera/fisheye camera
- Advanced streaming technology enables smooth live view in poor network conditions
- Supports RAID 0, 1, 5, 6, 10 and N+1 hot spare for even more reliable data storage, effectively avoids data loss risks

THK-NRT10-256/i24		
RAID	RAID Type	RAID0, RAID1, RAID5, RAID 6, and RAID10
External Interface	Two-Way Audio Input	1-ch, RCA (2.0 Vp-p, 1 K Ω)
	Extension Board (Optional)	One extension board is supported with four 10M/100M/1000M optical interfaces (1.25 Gbps SFP module), eight RS-485 interfaces, and alarm interface of 32 alarm inputs and 16 alarm outputs.
	Serial Port	1 RS-485, Keyboard
	USB Interface	Front Panel: 1 $\times$ USB 2.0; Rear Panel: 2 $\times$ USB 3.0
	Alarm In/Out	16/8
General	Power Supply	100 to 240 VAC, 550W
	Consumption (w/o HDD)	$\leq$ 140W
	Working Temperature	32 $^{\circ}$ F to 122 $^{\circ}$ F
	Working Humidity	10% to 90%
	Dimensions (W $\times$ D $\times$ H)	17.6 $\times$ 20.8 $\times$ 6.8 inch
	Weight (w/o HDD)	50.7 lbs
	Fan	Redundant dual ball bearing fan; Speed adjustable; Hot-plug
Network Management	Chassis	4U
	Protocol	IPv6, HTTPS, UPnP, SNMP, NTP, SADP, SMTP, NFS, iSCSI, PPPoE, DDNS
Video & Audio Input	Network Interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	IP Video Input	256-ch
Video & Audio Output	Bandwidth	Incoming: 768Mbps, Outgoing: 768Mbps
	Protocol	HIKVISION, ACTI, ARECONT, AXIS, BOSCH, BRICKCOM, CANON, HUNT, ONVIF (v. 2.5), PANASONIC, PELCO, RTSP, SAMSUNG, SONY, VIVOTEK, ZAVIO
	HDMI Output	Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 $\times$ 2160), 4K (3840 $\times$ 2160)/30Hz, 2K (2560 $\times$ 1440)/60Hz, 1080p (1920 $\times$ 1080)/60Hz, UXGA (1600 $\times$ 1200)/60Hz, SXGA (1280 $\times$ 1024)/60Hz, 720p (1280 $\times$ 720)/60Hz, XGA (1024 $\times$ 768)/60Hz
	VGA Output	1-ch. Resolution: 1080p (1920 $\times$ 1080)/60Hz, UXGA (1600 $\times$ 1200)/60Hz, SXGA (1280 $\times$ 1024)/60Hz, 720p (1280 $\times$ 720)/60Hz, XGA (1024 $\times$ 768)/60Hz
	LCD Output (Optional)	One 7 inch LCD
Video & Audio Decoding	Audio Output	1-ch. RCA (2.0 Vp-p, 1 K Ω)
	Decoding Format	H.265, H.265+, H.264, H.264+,MPEG4, MJPEG (for Hikvision IP camera only)
	Video Resolution	12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/ 1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	Synchronous Playback	Up to 16 channels
	Capability	20-ch@1080p
HDD	Interface	24 SATA interfaces supporting hot-plug
	Capacity	Up to 10 TB for each HDD
	Storage Extension	1 $\times$ eSATA interface, 2 $\times$ mini SAS interface (optional)

PHYSICAL INTERFACE



1	HDMI 1/2 Video Output	8	Reset Button
2	Audio Input	9	RS-232 Interface
	Audio Output	10	Alarm Input
3	USB 3.0		Alarm Output
4	LAN		RS-485 Interface
5	eSATA Interface		Keyboard Interface
6	VGA Video Output	11	Ground
7	Mini SAS Interface (Optional)	12	Power Supplies