"THK SERIES" POWER HOUSE

THK-NR510-32

32CH NVR (2 LAN Ports)

TRUVIEW

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 is disconnected

HD Input

- H.265/H.264/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 32 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

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

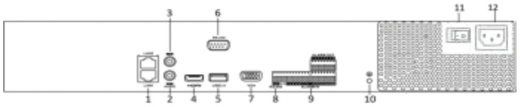
HD Storage

- Up to 4 SATA interfaces 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

Physical Interfaces



Index	Description
1	LAN1 and LAN2 Network Interfaces
2	AUDIO OUT
3	AUDIO IN
4	HDMI Interface
5	USB 3.0 Interface
6	RS-232 Serial Interface
7	VGA Interface
8	RS-485 Serial Interface
9	ALARM IN and ALARM OUT
10	GND
11	100~240VAC Power Input
12	Power Switch

Specifications

Model		THK-NR510-32
Video/Audio input	IP video input	32-ch
		Up to 12 MP resolution
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1kΩ)
	Outgoing bandwidth	256 Mbps
	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
	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
	Audio output	1-ch, RCA (Linear, 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	4 SATA interfaces for 4HDDs
	eSATA (optional)	1 eSATA interface
	Capacity	Up to 6TB capacity for each HDD
External interface	Network interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
	Serial interface	1 RS-485 (half-duplex), 1 RS-232
	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
	Power	≤80 W
	Consumption (without hard disk)	≤20 W
	Working temperature	-10 to +55°C (14 to 131°F)
	Working humidity	10 to 90 %
	Chassis	19-inch rack-mounted 1.5U chassis
	Dimensions(W × D × H)	445 × 390 ×70 mm (17.5"× 15.3" × 2.8")
	Weight(without hard disk)	≤ 5 Kg (11 lb)