

# // 128 CHANNEL 4K NVR

## 16 Hard Disc Capacity



### Features:

- > H.265 compression
- > Supports 16 hard discs with up to 4 TB capacity each - hotswappable
- > Supports 8.0MP cameras (4K2K resolution)
- > P2P cloud service IPC and NVR
- > ONVIF protocol compliancy - support high profile S, high profile G
- > Compatible with RTSP and ONVIF cameras
- > HD (megapixel) network video preview, storage and playback;
- > Search, playback and backup by event;
- > All channel live display and 4 channels playback
- > Monitor PTZ on preview mode
- > Free CMS
- > 15x digital zoom by mouse roller or menu in live display and playback
- > Immediate snapshot and view - storage on HDD independently
- > Easy playback search by time and event
- > USB backup for video and image snapshots
- > Supports 3G internet connectivity routers
- > Adjustable recording resolutions
- > Supports HDD sequence writing technology - increasing HDD lifetime
- > Image motion detection
- > Mutiple detection areas per screen with 6-level sensitivity setting
- > Redundant power supply
- > iSCSI and mini SAS ports for storage expansion
- > Front panel LCD display

### Technical Specifications:

	Model	TR-H8.0NVR/16HDD-128CH
	Description	128 ch 16HDD NVR
	Form	3U
	Operating System	Embedded Linux
	Image Code Control	Variable and constant bitstream options
	Number of streams	Dual streaming per channel
	Video Standards	4K2K (3840 x 2160) at 30 fps
		1080p (1920 x 1080) at 30 fps
		960p (1280 x 960) at 30 fps
		720p (1280 x 720) at 30 fps
	Monitor Support	4K2K, 1080p, 960p, 720p
Max Live Display and Recording	D1 resolution	128 ch
	720p resolution	128 ch
	960p resolution	128 ch
	1080p resolution	128 ch
	5MP resolution	128 ch
	8MP resolution	128 ch
	Recording Framerate	30 fps / channel
Max Playback	D1 resolution	16ch
	720p resolution	16ch
	960p resolution	16ch
	1080p resolution	16ch
	5MP resolution	9ch
	8MP resolution	1ch
Max Simultaneous Stream and Playback	720p resolution	128 ch + sub 960H + 4 ref. + 16 play
	960p resolution	128 ch + sub 960H + 4 ref. + 16 play
	1080p resolution	128 ch + sub 960H + 4 ref. + 9 play
	5MP resolution	128 ch + sub 960H + 4 ref. + 4 play
	8MP resolution	128ch + sub 960H + 4 ref. + 1 play
	Bandwidth	640 Mbps
	Number of Hard Discs	16 SATA HDD's with Raid 0/1/5/6/10
External Ports	Network Audio Input	128 / 64 / 36 / 25 / 16 ch
	Video Output	2×VGA+2×HDMI
	Audio Output	1 ch RCA
	Network Port	4 RJ45,10M/100M/1000M self-adaptive LAN port
	USB Port	2 USB 3.0 port, 2 USB 2.0 ports
	Alarm Input	16 ch
	Alarm Output	16 ch
	RS485	RS485 full duplex
	e-SATA	2 port
	Privacy Masking	4 regions per channel
Recording Mode	Manual, auto, dynamic detection, alarm triggerered, scheduled	
Backup	USB mobile HDD, USB DVD-RW	
Recording Storage	Local HDD, network	
Mobile Surveillance Support	iPhone, Windows Mobile, BlackBerry, Symbian, Android smart phone	
Power Supply	AC110-220V 500W 50-60Hz	
Power Consumption	<50W (without HDD)	
Operating Temperature	-10°C to 55°C	
Operating Humidity	10% to 90%	