SMART
H.264/H.265
NETWORK VIDEO RECORDER

EN7253/EN7263/EN8433 are high performance network video recorders for easy set up reliable and cost-effective IP video surveillance systems. They are compact 1.5U rackmount chassis size, standalone NVRs supporting H.265 & H.264 video compression standard, they are capable of working with up to 36 4K UHD network cameras. NVRs come with pre-installed powerful video management software that allows you to quickly search and add IP cameras

This network video recorder is based on Hisilicon dual-core processor, it supports up to a total of 36 network cameras with 4K UHD, 3MP and 1080p image resolution. Up to 256Mbps incoming bandwidth, this NVR can provide you real-time 36-channel video recording. It has internal 4 HDD bays to provide you suffcient video recording/storage capacity. Additionally, it's equipped with an external SATA port to allow unlimited video storage expansion.

Equipped with 1CH VGA and 1CH HDMI video output, it can work with HDTV monitors seamlessly. It is a powerful solution that well suited for small scale applications such as retail store, office, bank or home surveillance systems.

4K/5MP/3MP/1080P RESOLUTION

Unifore 4K NVR delivers maximum returns on your investment in video security and surveillance. The 4K NVR works with 64 pieces 8 megapixel network cameras with 4K UHD resolution (8MP/4K/2160P@480fps).

4 HDD BAYS MAX. 24TB STORAGE

The 1.5U rack-mountable chassis allows NVR to be filled with 4 pieces SATA HDDs, maximum support up to 24 terabytes (6 TB per hard drive). Additionally, it has an external SATA port to allow unlimited video storage expansion

H.265 HEVC/H.264 AVC CODEC

Unifore NVR supports H.265/HEVC video codec, by leveraging H.265/HEVC video compression, the bit rate and bandwidth, as well as storage can reduce to half while retaining the high image quality.

REMOTE P2P CONNECTION

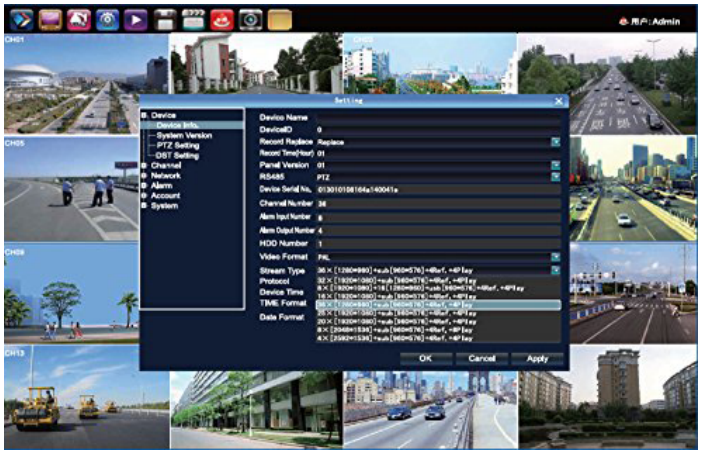
This network video recorder supports multiple free P2P platforms including Goolink, Danale, Tutk etc to offer hassle-free cloud connection. Just connect your NVR to Internet, you can access it from smartphone and computers anywhere, anytime.

RICH INTERFACE EASY INTEGRATION

The built-in PoE feature provides much easier connection and installation with cost saving on network environment also efficient maintenance, extra P2P, SD card storage.

INTUITIVE VMS BUILT-IN

Intuitive video management software built-in offering multiple recording modes, easy to search & manage network cameras. Including setup wizard to help users quickly setup the system.



MODEL: EN7253/7263/8433

1.5U Size Enterprise Grade NVRs

Technical Specification

Model	EN7253	EN7263	EN8433
General			
Operating System	Embedded Linux OS		
Image Code Control	Quality adjustable, variable bitstream and constant bitstream		
Video Streaming	Dual Stream (main stream and sub stream)		
Video Input	16CH 1080P	25CH 1080P	36CH 4K UHD
Recording Resolution	25CH 960P (1280x960) 9CH 3MP (2048x1536) 9CH 5MP (2592x1944)	36CH 960P (1280x960) 16CH 3MP (2048x1536) 16CH 5MP (2592x1944)	36CH 1080P (1920x1080) 36CH 3MP (2048x1536)
Video Display	5MP/3MP/1080P	5MP/3MP/1080P	4K UHD/5MP/3MP/1080P
Video Standard	H.264/AVC	H.264/AVC	H.265/HEVC; H.264/AVC
Incoming bandwidth	150M	150M	256M
Motion Detection	Each screen can set multiple detection areas and set 6-level sensitivity (requiring IPC to support)		
Playback Resolution	1CH 5MP/4CH 3MP/9CH 960P	1CH 5MP/4CH 3MP/9CH 960P	4CH 4K/9CH 3MP/16CH 1080P
Storage	Four SATA HDD ports, One e-SATA port		
Backup Method	External HDD, e-SATA HDD, USB disc, Network		
Recording Mode	Manual, Auto, Motion Detection, Event Triggering		
Remote Surveillance			
IE Browser	Support LAN management, client management and remote IE/Chrome/Safari visit		
Dual Stream	Individual setting by each channel		
Mobile Surveillance	Goolink App (iPhone, iPad, Android Phone, Tablet)		
Compatibility	ONVIF 2.4 compatible with third-party IP Cameras, DVS, VMS		
Mouse Zoom	Click any area and zoom in or zoom out on the image by mouse		
Search	By time (calender), backup, by event		
Privacy Mask	8 privacy mask areas (requiring IPC to support)		
Video Output	HDMI, VGA		
Audio Standard	G.711		
Audio Output	1CH RCA		
Audio Talk	Two-way intercom		
Alarm I/O	4CH alarm input, 1CH alarm output		
Special			
Network	RJ45 Ethernet port (10/100/1000Mbps)		
RS485	Full duplex RS485		
USB	3x USB 2.0 ports	3x USB 2.0 ports	1x USB 3.0 + 2 USB 2.0 ports
Core Processor	Hi3535	Hi3535	Hi3536
Environment			
Operation Temp.	-15 degree ~ +55 degree		
Storage Temp.	-20 degree ~ +60 degree		
Ingress Protection	N/A (indoor only)		
Electrical			
Power Supply	ATX110-240V 300W 50-60Hz		
Power Consumption	≤25W (without HDD)		

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1.5U Size Enterprise Grade NVRs

Features

- Up to 36/25/16/9 channel IP camera input
- H.265/H.264/MJPEG dual codec decoding
- Max 256Mbps incoming bandwidth
- Up to 4K UHD realtime live-view
- Up to 8 megapixel resolution live-view&playback
- 1HDMI/1 VGA simultaneous video output
- 9/16 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Hikvision, Arecont Vision, AXIS, Bosch, Brickcom, Canon,
- CP Plus, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 4 SATA HDDs up to 24TB, 3 USB(2 USB3.0), 1 eSATA port
- Support IPC UPnP
- Support P2P, QR code scan & add

EN7253/EN7263 Rear Panel

EN8433 Rear Panel