

# Network Video Recorder

HVR-450



## Description:

HEINRICH HVR-450 is one of the NVRs which have the most reasonable price and best quality for IP video surveillance applications. This Lite NVR provides up to 5MP resolution. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, centre storage, edge storage, and back up storage. Designed as a low cost, easy installation, this NVR is ideal for a wide range of applications such as public safety, water conservancy, transportation, city centres, education, and financial institutions. The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multi-user access and is compatible with ONVIF, enabling interoperability when combined with IP cameras.

## Features:

- Features Up to 4/8/16 channel with 1080p real time live view.
- Auto detect Multi make IP camera input.
- H.264/MJPEG Encoding & H.265 Encoding Optional available
- IP: Max 140Mbps incoming bandwidth
- All channel synchronous real time playback, GRID interface & smart search Support Multi-brand network cameras.
- ONVIF Version 2.2 conformance.
- HDMI/VGA simultaneous video output
- Support 1 SATA HDD in 4 Channel, 2 SATA HDD in 8 & 16 channel . 4 SATA optional available with 8 & 16 Ch. NVR.
- Dual USB2.0 port
- Smart/Intelligence Search, Alarm Input/output & Audio support.
- Multiple network monitoring: Web viewer, CMS, Smart Phone & 3<sup>rd</sup> party CMS support.

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## Specification:

<b>Model</b>	<b>HVR-450</b>
Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Technology support	IP Cameras
Video Input	16 channel
Compression Format	H.264/MJPEG & H.265 Optional available
ONVIF	Support
Interface Ports	1 HDMI, 1 VGA, 2 USB2.0, 1 RS485, 1 RS232, 1 RJ45
Video Display	Split 1/4/8/9/16
Video Standard	NTSC/PAL
Recording	
Recording compression	H.264 & H.265 Optional
Recording Mode	Manual>alarm>motion detection>timing
Hard Disk	2 SATA port & 4 SATA Optional available
Resolution	2MP @16 ch.
Frame rate	Maximum 25FPS per channel
Playback	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Others	
Backup Mode	Network backup, USB HDD, USB writer, SATA writer
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen
Protocal	"TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP
Web Browser	IE/Mozilla/ crome
Motion Detection	Yes /Multiple
Interface Ports	2 USB 2.0, 1 RS485, 1 RJ45
Ethernet	RJ45 10/100/1000Mbps Adaptive Ethernet port
Remote Application	Support IE/3rd party CMS/Mobile app
Power Supply	DC12V/2A
Power Consumption	24 W without HDD
Working Temp	Temp-15°C--55°C