

10 CHANNEL NETWORK VIDEO RECORDER

HD-NVR-2110I



- **10 CH NVR** – 60Mbps Incoming / 40Mbps Outgoing
- **Max Resolution** – 8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
- **Compression** – Smart H.265+ / H.265 / H.264+ / H.264
- **Video Output** – HDMI Upto 4K & VGA up to 1080P
- **Multi Display** – 1/2A/2B/3/4/5/6/7/8/9/10
- **Playback** – 4 CH Simultaneous Playback
- **Storage** – 1x SATA Up to 8TB HDD Capacity
- **VCA by Camera** – Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Missing, Loiter, Running, Parking, Crowd Detection etc.
- **Compatibility** – ONVIF (Profile S/T), CGI, SDK, P2P



10 CH NVR
MULTI RECORDING



8 MP MAX
RESOLUTION



1 SATA SLOT
UPTO 8TB



40 MBPS
80 MBPS
INCOMING/OUTGOING
BANDWIDTH



AI BY
CAMERA

SYSTEM OVERVIEW

10 Channel NVR supports up to 8MP high-resolution recording with efficient bandwidth and smart compression. With HDMI output up to 4K and VGA support, it enables flexible multi-screen display options. Supports multi-channel playback for smooth live monitoring and recording performance. Offers wide compatibility with ONVIF, P2P, and multiple network protocols for seamless integration. Advanced VCA detection by camera enables intelligent monitoring and enhanced surveillance accuracy.

ABOUT HIFOCUS

HI-FOCUS is a trusted leader in surveillance and networking solutions with more than a **Decade of experience** in CCTV Industry. We deliver innovative, reliable, and high-performance security products designed to meet global quality standards. Every HI-FOCUS product is engineered with precision and rigorously tested to ensure superior performance and customer satisfaction.



Central Monitoring System

Monitor Multiple Locations from One Powerful Platform



ONVIF Compatibility

Supports ONVIF for easy integration with IP cameras and NVR



P2P Cloud Connectivity

Access your security system globally with unmatched ease and reliability.



Your Data. Secure. Stored in India.

Reliable Cloud Storage with Local Data Protection & High Security Standards

- Data Hosted in India
- Enhanced Privacy & Compliance
- Fast & Secure Access
- Connecting to the Cloud

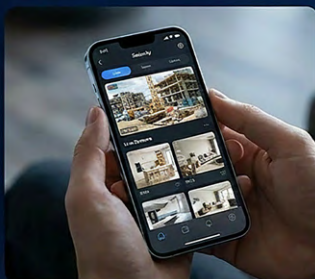
Secure Your Surveillance Today



Instant Access to Your Security



Real-Time Live View



Remote Access Anywhere



Replay Important Evidence



Flexible HDMI & VGA Connectivity

High-resolution output for sharper, clearer images



Design and specifications are subject to change without notice. Visit HiFocusCctv.com for the latest product information /specification.



10 CHANNEL NETWORK VIDEO RECORDER | HD-NVR-2110I

Video and Audio

This 10-channel NVR supports high-definition video resolutions ranging from 8MP to QCIF, delivering clear and detailed footage. It manages incoming bandwidth of 60 Mbps and outgoing bandwidth of 40 Mbps for smooth video streaming and recording. The device provides robust preview and playback decoding capabilities across multiple resolutions and frame rates.

Network and Client Support

Supports comprehensive network protocols including 802.1X, DHCP, HTTP/HTTPS, IPv4/IPv6, RTSP, and secure connections with TLSv1.2/1.3. Accessible through Android and iOS mobile clients and major web browsers, offering flexible remote monitoring options. Compatible with RTSP, CGI, SDK, and P2P systems for wide integration.

Alarm and Exception Notification

Includes general alarms such as motion detection, mask alarms, and IPC alarm input. Provides detailed exception notifications including video loss, network disconnection, disk errors, illegal access, and hardware abnormalities. These features enhance system reliability and security monitoring.

Intelligent Analytics

Advanced video content analytics include tripwire, perimeter, object abandon/missing detection, loitering, running, parking, and crowd detection. Supports lens diagnosis, signal loss detection, and on-duty monitoring. Features early-warning search to quickly identify important events.

Storage and Interfaces

Supports one SATA HDD port with up to 8TB capacity for extensive video storage. Includes 2 USB 2.0 ports for additional storage and backup. Network interface is a self-adaptive 10/100 Mbps Ethernet port ensuring stable connectivity.



CORE FEATURES

Video and Audio

Channel	10
Incoming Bandwidth	60Mbps
Outgoing Bandwidth	40Mbps
Resolution	8MP/6MP/5MP/4MP/3MP/ 1080P/UXGA/720P/VGA/4CIF/ DCIF/2CIF/CIF/QCIF
Preview Decoding Capability	8MP(30fps)×1, 6MP(30fps)×2, 5MP(30fps)×2, 4MP(30fps)×3, 3MP(30fps)×4, 1080P(30fps)×6, 720P(30fps)×10, 4CIF(30fps)×10
Playback Decoding Capability	8MP(30fps)×1, 6MP(30fps)×2, 5MP(30fps)×2, 4MP(30fps)×3, 3MP(30fps)×4, 1080P(30fps)×4, 720P(30fps)×4, 4CIF(30fps)×4
Compatibility	ONVIF(Profile S/T), CGI, SDK, P2P
HDMI Output	HDMI: 1024×768(60Hz), (720P) 1280×720(50Hz/60Hz), 1280×800(60Hz), 1366×768 (60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz), (4K)3840×2160(30Hz)
VGA Output	VGA:1024x768(60Hz), (720P)1280x720(50Hz/60Hz), 1280x800(60Hz),1440x900 (60Hz), (1080P)1920x1080 (50Hz/60Hz)
Multi-screen Display	VGA: 1/2A/2B/3/4/5/6/7/8/9/10 HDMI: 1/2A/2B/3/4/5/6/7/8/9/10

Compression Standard

Video Compression	Smart H.265+, H.265, Smart H.264+, H.264
Audio Compression	G711A, G711U, AAC, ADPCM_DIV4
Stream Type	Video, Video & Audio

Network

Network Protocol	802.1X, ARP, DDNS, DHCP, DNS, Easy DDNS, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, Multicast, NTP, RTCP, RTP, RTSP, SRTP, SSH, TLSv1.2, TLSv1.3, TCP/IP, UDP, Unicast, UPnP
Mobile Client	Android, iOS, P2P
System Compatibility	RTSP, CGI, SDK, P2P
Web	IE10+, Firefox52+, Edge89+, Safari11+, Chrome57+

Recording

Multi-channel Playback	4
Record Mode	Manual recording, alarm recording, Schedule recording
Storage Method	Local HDD/USB storage device
Backup	USB storage device
Playback Function	Play/Pause/Stop/Slow/Speed/ Backwards 30s/Forwards 30s/ Full screen/backup (video Editing)/Step/Digital Zoom
Dual Stream Record	Yes

Alarm

General Alarm	Motion Detection, Mask Alarm, Alarm Input(IPC)
Exception Notification	Video Loss, Network Disconnected, No Disk, Illegal Access, Disk group space alert, Disk Full, Disk R/W Error, Recording Abnormal, Abnormal found in smart of disk, Abnormal temperature of the disk, Voltage Alarm(IPC), RTC Failure, P Address Conflict, MAC Address Conflict, Disk Overload

Intelligent Analytics

VCA Detection by Camera

Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Missing, Loiter, Running, Parking, Lens Dignose, Scene Switch Dignose, Signal Abnormal Detection, Signal Loss Detection, On Duty Detection, Crowd Detection

VCA Search

Early-warning search

Storage

Hard Disk Capacity

1 SATA ports, up to 8TB for a single HDD

External Port

USB

2xUSB2.0

HDMI

1 x HDMI

VGA

1 x VGA

Network Interface

1xRJ-45, 10/100 Mbps self-adaptive Ethernet port

General

Power Supply

DC12V 1.5A

Power Consumption

<10W(HDD not included,idling)

NetWeight

0.4 kg

GrossWeight

0.7 kg

Boundary Dimensions

201(L)202(W)43(H)mm

Package Dimensions

315(L)70(W)235(H)mm

Operating Temperature

-10°C~+55°C

Operating Humidity

10%~90%RH

Storage Temperature

-20°C~+60°C (-4°F~+140°F)

Storage Humidity

10%~90%RH



Dimensions

