

32 CHANNEL NETWORK VIDEO RECORDER

HD-NVR-5232I



- **32 CH NVR** – 160Mbps Incoming / 80Mbps Outgoing Bandwidth
- **Max Resolution** – 16MP/12MP/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/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36
- **Playback** – 16 CH Simultaneous Playback
- **Storage** – 2× SATA Up to 10TB HDD Capacity
- **AI by Camera** – Tripwire, Double Tripwire, Perimeter, Object Abandon/Missing, Loitering, Face Detection, Running, Parking, Crowd Detection etc.



32 CH NVR
MULTI RECORDING



16 MP MAX
RESOLUTION



2 SATA SLOT
UPTO 10TB



160 MBPS
80 MBPS
INCOMING/OUTGOING
BANDWIDTH



AI FEATURES

SYSTEM OVERVIEW

32 Channel NVR supports up to 16MP ultra high-resolution recording with high bandwidth and smart compression. With HDMI output up to 4K and flexible multi-screen display, it enables efficient monitoring and playback. Supports up to 16-channel playback for smooth video management and performance. Offers wide compatibility with ONVIF, RTSP, P2P, and multiple network protocols for seamless integration. Advanced AI by camera and NVR enables intelligent detection and reliable surveillance performance.

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.



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



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



Central Monitoring System
Monitor Multiple Locations from One Powerful Platform

ONVIF Compatibility

Seamless Integration with Multiple IP Cameras & Systems



P2P Cloud Connectivity

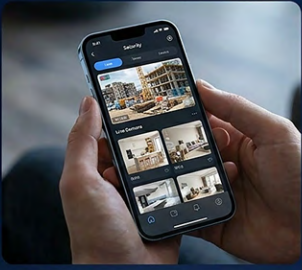
Access your security system globally with unmatched ease and reliability.



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



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32 CHANNEL NETWORK VIDEO RECORDER | HD-NVR-5232I

Video and Audio Performance

Supports 32 channels with 160 Mbps incoming bandwidth and 80 Mbps outgoing bandwidth. Handles resolutions up to 16MP, with preview and playback decoding at 30fps. Includes 1 audio input, 1 RCA audio output, and 1 two-way audio channel.

Compression & Network Compatibility

Smart H.265+, H.265, Smart H.264+, and H.264 video compression. Supports extensive network protocols including IPv4/IPv6, HTTP/HTTPS, FTP, and SNMP. Compatible with Android, iOS, and web browsers.

Recording and Playback

Supports 16-channel playback with manual, alarm, and scheduled recording modes. Storage is via USB devices or network, with dual-stream recording supported. Playback features include play, pause, reverse, step, digital zoom, and instant replay.

Alarm and Intelligent Analytics

General alarms include motion detection, mask alarms, and NVR/IPC inputs. Exception notifications cover video loss, disk errors, network issues, and voltage alarms. AI features detect tripwire, perimeter, crowd, smoke/fire, helmet, and temperature anomalies.

Face Recognition and VCA Features

Detects gender, age, glasses, face mask, and body temperature attributes. Supports up to 10 face libraries with 20,000 base images and comparison functionality. VCA searches and reports include heatmap, people counting, face statistics, and smart motion detection.

Storage and Interface

Two SATA HDDs support up to 10TB each for high-capacity local storage. Interfaces include 2 USB 2.0 ports and 1 gigabit RJ45 network port. Supports backup, flexible connectivity, and network integration for enterprise setups.



CORE FEATURES

Video and Audio

Channel	32-ch
Incoming Bandwidth	160Mbps (AI mode: 120Mbps)
Outgoing Bandwidth	80Mbps
Resolution	16MP/12MP/8MP/6MP/5MP/ 4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF/2CIF/CIF/ QCIF
Preview Decoding Capability	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3, 5MP(30fps)×4, 4MP(30fps)×5, 3MP(30fps)×6, 1080P(30fps)×10, 720P(30fps) ×20, 4CIF(30fps)×32 (AI on: 16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps) ×16, 4CIF(30fps)×32)
Preview Decoding Capability	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3, 5MP(30fps)×4, 4MP(30fps)×5, 3MP(30fps)×6, 1080P(30fps)×10, 720P(30fps) ×16, 4CIF(30fps)×16 (AI on:16MP (30fps)×1,8MP(30fps)×2, 6MP (30fps)×2, 5MP(30fps)×3, 4MP (30fps)×4, 3MP(30fps)×5, 1080P (30fps)×8, 720P(30fps)×16)
Compatibility	ONVIF(Profile S/T/G), CGI, SDK, P2P
HDMI Output	HDMI: 1024×768(60Hz), (720P) 1280×720(50Hz/60Hz), 1280×800(60Hz), 1280×1024 (60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz), (2K)2560×1440(30Hz), (4K)3840×2160(30Hz)
VGA Output	VGA: 1024×768(60Hz), (720P) 1280×720(50Hz/60Hz), 1280×800(60Hz), 1280×1024 (60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz)
Multi-screen Display	Simultaneous Output: VGA: 1/2A/2B/3/4/5/6/7/8/9/10/ 12/13/16/20A/20B/25/32/36 HDMI: 1/2A/2B/3/4/5/6/7/8/9/ 10/12/13/16/20A/20B/25/32/36

Audio Input

1CH

Audio Output

1×RCA

Two-Way Audio

1CH

Compression Standard

Video Compression

Smart H.265+, H.265;
Smart H.264+, H.264

Network

Network Protocol

802.1X; ARP; DDNS; DHCP; DNS;
Easy DDNS; FTP; HTTP; HTTPS;
ICMP; IGMP; IPv4; IPv6;
Multicast; NFS; NTP; PPPoE;
QoS; RTCP; RTP; RTSP; SMB/
CIFS; SMTP; SNMP v1/v2/v3;
SRTP; SSH; SSL; TLSv1.2; TCP;
UDP; Unicast; UPnP

Mobile Client

Android, iOS

Web

IE10+; Firefox52+; Edge89+;
Safari11+; Chrome57+

Recording

Multi-channel Playback

16

Record Mode

Manual Recording,
Alarm Recording,
Schedule Recording

Storage Method

USB storage device, Network

Playback Function

Play/Pause/Stop/Reverse/
Slow/Speed/Backwards 30s/
Forwards 30s/Full Screen/
Backup (Video Editing)/Step/
Digital Zoom/Instant Replay

Dual Stream Record

Supported

Alarm

General Alarm

Motion Detection,
Mask Alarm,Alarm Input(IPC),
Alarm Input(NVR)



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; Hot-spare Exception; Voltage Alarm(IPC); RTC Failure; IP Address Conflict; MAC Address Conflict; Disk Overload

Alarm I/O

4CH IN / 1CH OUT

Intelligent Analytics

AI by Camera

Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Running; Parking; Heatmap; Loitering; Video Abnormal; Audio Abnormal; On Duty Detection; Crowd Detection; Safety Helmet Detection; Electric Bicycle Detection; People Counting; Link to Tracking; Smoke and Fire Detection; Environmental Temperature Measurement; Face Detection; Human Body Temperature Measurement; Smart Alarm; Face Recognition; Human/Vehicle Classification

AI by NVR

Face Detection; Face Recognition; Tripwire; Double Tripwire; Perimeter; Smart Motion Detection

VCA Search

Early-warning Search; Behavior Search; Safety Helmet Search; Thermographic Retrieval; Duty Search; Electric Bicycle Retrieval; Face Search (Search by face attributes); Smart Motion Detection

VCA Report

Heatmap; People Counting; Face Statistics

Face Recognition

Face Attributes Detection

Gender, Age, Glasses, Face Mask

Face Attributes Search

Gender, Age, Glasses, Face Mask, Body Temperature

Face Recognition Performance

1-ch(Max.5MP) video streams or 4-ch image streams

Face Picture Library

Up to 10 face libraries, up to 20000 base images

Face Picture Comparison

Supported

Perimeter/Tripwire Performance by NVR

4CH

Smart Motion Dection Performance

4CH



Storage

Hard Disk Capacity	2 SATA upto 10TB HDD
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INTERFACE

USB	2×USB2.0
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Network Interface	1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
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General

Power Supply	DC12V
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Power Consumption	≤10W
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NetWeight	1.6 kg
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GrossWeight	2.8kg
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Dimensions	341(L)280(W)47(H)mm
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Operating Temperature	-10~55°C
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Operating Humidity	10%~90% RH
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Dimensions

