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 20TB 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 20TB

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.

HI-FOCUS®







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



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 20TB 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.

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

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
Moblie 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)

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

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

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

Storage

Hard Disk Capacity	2 SATA upto 20TB HDD

INTERFACE

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

General

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

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

Dimensions

