DS-7632NXI-K2

32-CH 1U K SERIES ACUSENSE 4K NVR

32-ch IP Input | 4K HDMI Output | 2 SATA up to 16 TB

TECHNICAL DATASHEET

English | Reference edition v1.0

Aura.eg

Branded reference copy - product model DS-7632NXI-K2



NETWORK VIDEO RECORDER • ACUSENSE • 4K

Hikvision DS-7632NXI-K2

32-ch 1U K Series AcuSense 4K NVR

A 32-channel 1U network video recorder with Hikvision AcuSense technology, AcuSearch playback, perimeter protection and facial recognition, 4K HDMI output and two SATA bays of up to 16 TB each.

32-ch IP Input
Up to 32 IP cameras with 256 Mbps incoming bandwidth.

4K HDMI Output
Independent HDMI (4K/30Hz) and VGA (1080p/60Hz) outputs.

2 SATA Bays
Up to 16 TB per HDD for long-term recording.

AcuSense | AcuSearch | Perimeter Protection | Facial Recognition | H.265+ | Hik-Connect

Key Features

- Hikvision AcuSense technology to minimize manual effort and security costs
- Efficient playback with AcuSearch technology
- Accurate perimeter protection effectively reduces false alarms
- Automatic camera connection and configuration
- Up to 32-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 3-ch@12 MP, 5-ch@8 MP, 10-ch@4 MP or 20-ch@1080p decoding capacity
- Up to 256 Mbps incoming bandwidth

Technical Specifications

Item	Specification
INTELLIGENT ANALYTICS	
AI by NVR	Facial recognition, perimeter protection, Motion Detection 2.0, AcuSearch
AI by Camera	Adds ANPR
Perimeter Protection (NVR)	2-ch up to 4 MP, or 1-ch 5 to 8 MP; all channels by camera
Facial Recognition	2-ch up to 4 MP or 1-ch 5 to 8 MP; face picture comparison 8-ch; 16 libraries, up to 50,000 pictures
Motion Detection 2.0	All channels up to 4 MP (up to 8 MP with enhanced SVC); all channels by camera
VIDEO & AUDIO INPUT	
IP Video Input	32-ch
IP Speaker Input	4-ch
Incoming / Outgoing Bandwidth	256 Mbps / 160 Mbps

Item	Specification
VIDEO & AUDIO OUTPUT	
HDMI Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz and lower
VGA Output	1-ch, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
Output Mode	HDMI and VGA independent
Audio Output	1-ch, RCA (linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
DECODING & RECORDING	
Decoding Format	H.265 / H.265+ / H.264 / H.264+
Decoding Capability	AI on: 16-ch@1080p (30 fps); AI off: 20-ch@1080p (30 fps)
Recording Resolution	16 MP / 12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Synchronous Playback	16-ch
Audio Compression	G.711 μ-law / G.711 A-law / G.722 / G.726 / AAC / MP2L2
NETWORK	
Remote Connection	128
API	ONVIF (Profile S/G), SDK, ISAPI
Compatible Browser	IE 11, Chrome 91, Firefox 88, Safari 12, Edge 91 or above
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP, HTTP, HTTPS
Network Interface	1 × RJ-45, 10/100/1000 Mbps self-adaptive
STORAGE & INTERFACES	
SATA	2 SATA interfaces, up to 16 TB per HDD
USB	Front: 1 × USB 2.0; Rear: 1 × USB 2.0
Alarm In / Out	4 / 1
GENERAL	
Power Supply	12 VDC, 3.33 A
Power Consumption	≤ 15 W (without HDD)
Working Temperature	-10 °C to 55 °C
Working Humidity	10% to 90%
Dimensions (W × D × H)	384 × 317 × 52 mm (15.12" × 12.48" × 2.03")
Weight	≤ 2 kg (without HDD)
Fan	Automatic speed control
GUI Language	37 languages including English and Arabic
Certifications	CE, CB, REACH, WEEE, UKCA, RCM, IC