

KX-88128iN4

2U 8HDD AI Network Video Recorder



- Intel dual-core processor
- Max 400Mbps incoming bandwidth
- 128 Channel IP video access
- Up to 4 Channel back end face recognition
- Regular/stranger mode
- Search by image
- Face database management
- Supports RAID 0/1/5/6/10
- 3HDMI/2VGA video output



Technical Specification

System

Main Processor	Intel Dual-core Processor
Memory	8GB, up to 32GB
Operating System	Embedded LINUX

Artificial Intelligence

Face Recognition	Up to 4 channel face recognition
Metadata	Structured data of gender, age, expression, glasses, moustache, mouth mask information.
Stranger Mode	Detect strangers' faces(not in device's face database). Similarity threshold can be set manually.
Trigger Events	Buzzer, snapshot, recording, etc.
Search by Image	Up to 10 target face images search at same time. Support similarity threshold set for each target face image.
Database Management	Up to 20 face databases with 100,000 face images in total. Name, gender, birthday, nationality, address, ID information can be added to each face picture.
Database Application	Each database can be applied to video channels independently.

Audio and Video

IP Camera Input	128 Channel
Two-way Talk	1 audio input, 2 audio output, RCA

Display

Interface	3 HDMI, 2VGA
Resolution	HDMI1/2/3 : 3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 VGA1/2 : 1920 × 1080 , 1280 × 1024, 1280 × 720
Decoding Capability	20-ch@1080P(30fps)
Multi-screen Display	Up to 36 split for each screen
OSD	Camera title, Time, Motion detection, Recording

Recording

Bandwidth	320Mbps
Compression	H.265/H.264/MJPEG/MPEG4
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, etc.
Record Mode	Schedule (Continuous, Event)

Video Detection and Alarm

Trigger Events	Recording, Snapshot, Buzzer, etc.
Video Detection	Motion Detection, MD Zones: 396 (22 × 18); Tampering
Alarm input	16 Channel
Relay Output	8 Channel

Playback and Backup

Sync Playback	Up to 16ch sync playback, 64Mbps playback bandwidth
Search Mode	Time /Date, Video Detection, Face and Exact Search (accurate to second)
Backup Mode	USB Device/Network

Third-party Support

Third-party Support	AXIS, Panasonic, Sony, etc.
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Network

Interface	4 RJ-45 Ports (10/100/1000Mbps)
Network Port Mode	Independent Ethernet Ports, Load Balance, Fault-Tolerance, Link Aggregation
Network Function	HTTP, HTTPS, TCP/IP, UDP, RTSP, IPv4, NTP, DHCP, DNS, IP Filter, IP Search (Support Dahua IP camera, DVR, etc.), P2P
Interoperability	ONVIF 2.4, SDK

Storage

Internal HDD	8 SATA HDDs, Up to 10 TB capacity for each HDD
HDD Mode	Single, Raid 0/1/5/6/10(Enterprise-level HDDs are recommended), Support Global HDD Hot-spare
eSATA	1 eSATA Port (Please contact technical engineer to confirm the compatible device)

Auxiliary Interface

USB	4 USB Ports (2 USB 2.0 , 2 USB 3.0)
RS232	1 Port, for PC Communication
RS485	1 Port

Electrical

Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	<120W (With HDD)

Environmental

Operating Conditions	0°C ~ +45°C (+32°F ~ +113°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

Construction

Dimensions	2U, 439.7mm x 446.2mm x 90.8mm (17.32" x 17.57" x 3.57")
Net Weight	8.55kg (18.85lb) (without HDD)
Installation	Standard 19-inch Rack-mounted

Certifications

CE	EN55032, EN55035, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL 60950-1

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Dimensions(mm)

