

HRS-32082A-FR50

Intelligent Facial Recognition and Comparison Equipment



Key Features:

- Support 32-channel H.265/H.264 network video input, support 8MP camera input
- Intuitive graphical interface
- Support multiple recording modes, manual recording, scheduled recording, motion detection recording, sensor alarm recording, intelligent event recording
- Support retrieval by time slice, or by time, event (manual, sensor, motion detection) or tag
- Support remote web browsing and VMS centralized management
- Support dual-stream video recording, to accommodate local storage and network transmission
- Support software RAID
- Support 4K Ultra HD local display output
- Support 32 channels of facial video data storage and facial data retrieval
- Support 8-channel real-time facial comparison, facial calculation capability up to 48 frames per second
- The facial database supports up to 10,000 faces
- Support regular, stranger, blacklisted personnel management and comparison alarm
- Support facial tracking search

Specifications

System	
Function	Intelligent facial recognition and comparison server
Video Standard	Standard H.265, H.264
Operating System	Embedded Linux
Output	HDMI 1 : Support 4K × 2K / 1920 × 1080 / 1280×1024 HDMI 2: Support 1920 × 1080 / 1280×1024 VGA : 1920 × 1080 / 1280×1024
Facial Recognition	
Number of Facial Group	32
Number of Facial Registrations	10000
Channels of Detection From Camera	16
Channels of Detection From Server	4
Comparison Channels	8
Facial Computing Capability	48 faces/s
Facial Retrieval	Support image retrieval by image
Target Library Management	Support face addition, editing, deletion and query
Picture Entry Method	Web, local input, USB flash drive import
External Face Input Specifications	Format: jpg, jpeg Resolution: 64 x 64 ~ 1920 x 1080 Size: ≤ 70KB
Comparison Alert	Support regular, stranger, blacklisted personnel alarms
Track	Support
Track Map Specifications	Format: jpg Resolution: ≤ 2560 x 1920 Size: ≤ 512K B
Information Statistics Chart	Bar chart
Information Statistics Mode	Support daily, weekly, monthly, quarterly, and custom time period statistics

Audio and Video Input and Recording	
Network Video Input	32 channels
Network Video Input Bandwidth	320Mbps
Network Video Input Resolution	8MP/5MP/4MP/3MP/1080P/960P/720P@25/30fps
Network Audio Input	32-channel IPC audio input
Intercom Input	RCA x 1
Video Stream	Dual stream recording
Video Recording Mode	Manual recording, timed recording, motion detection recording, sensor alarm recording, intelligent event alarm
Backup Mode	Support USB flash drive, USB portable hard drive, network backup
Video Playback	
Playback Channel	16-channel simultaneous playback
Retrieval Mode	Retrieval by time slice, or by time, event (manual, sensor, motion detection) or tag
Intelligent Retrieval	Highlight the video of a channel in a certain period of time, and different colors indicate different video events
Playback Function	Playback, pause, fast forward, fast reverse, previous frame, next frame, zoom, etc.
Alarm	
Alarm Mode	Manual alarm, sensor alarm, motion detection alarm, Abnormality alarm, intelligent event alarm
Alarm Input	Local 16 channels, support IPC alarm input
Alarm Output	4 channels
Alarm Trigger	Recording, snapshots, presets, emails, etc.

Network	
Interface	RJ45 10M/100M/1000Mbps adaptive Ethernet port×2
Protocol	TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Network Security	Black and white list, account security, RTSP certification, telnet permission control
Client Connections	10
Storage	
Hard Drive Interface and Quantity	SATA×8 (internal), e-SATA×1 (external)
Support Hard Drive Capacity	Up to 10TB
Storage Expansion Mode	e-SATA x 1
RAID	RAIDO, RAID1, RAID5, RAID6, RAID10
Instructions and Interfaces	
Function Button	Mouse operation, remote control operation, body button operation
Status Indicator	Network, hard drive, power indicator
USB Interface	USB2.0×2, USB3.0×1
Serial Interface	RS485
Power Supply	ATX200W
Others	
Input Voltage/Current	220V/230V~50HZ 3A
Bare Machine Power Consumption	≤ 30 W (excluding hard drive)
Work Environment	-10~50°C, 10%~90% (humidity)
Size (mm)	445 × 436 × 90 (W × D × H)
Weight	8 kg
Certifications	CE, FCC, 3C, RoHS

Ordering Information

Model	Description
HRS-32082A-FR50	Intelligent facial recognition and comparison server, H.265, 32 channel video storage, 8 channel facial comparison, 10000 facial database, HDMI*2, VGA, 320Mbps input/forwarding bandwidth, software RAID, 8 bays (excluding hard drive)

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