

NV508S

| acam AI Series

H.265+ 8 Channels Network Video Recorder



- H.265+/H.265/H.264 decoding
- Support 8CH 5MP Camera, up to 16-channel input & preview
- Support 8 channels real-time playback synchronously
- Support Onvif, High Profile S, High Profile G
- Instant playback under preview screen without affecting other Channel preview
- Intelligent video analytics functions (up to IPC)
- Support multiple web browsers login/ P2P cloud service supported



System Overview

acam AI NVR series is one of the idealist considerations for small-to-medium scale facial recognition surveillance and analysis project with the acam industry-leading AI algorithm.

With Blacklist/Whitelist management, the solution can trigger an alarm, take a snapshot, or record faces for further analysis and potential security improvement.

Functions

IVA functions (Intelligent Video Analytics)

Support Human Detection / Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene Change / VQD, etc.

User-friendly & full function VMS / Mobile App

Black / White list alarm events linkage actions such as email, audio, buzzer and alarm push message to Mobile App, etc

Technical Parameters

Model	NV508S
--------------	--------

System

Main Processor	Multi-core embedded processor
Operating System	Embedded LINUX

Video and Audio

Max IPC Input	8 CH,16CH
Two-way Talk	Support
Audio Compression	G.711u

Live View

Display Split	1/4/8/16 CH
Resolution	5MP (2592*1944) / 2MP (1920*1080) / 1.3MP (1280*1024) / 1MP (1280*720) / SVGA (1024*768)
Live View Capability	8CH@5MP(25/30fps) / 16CH@2MP((25/30fps)

Recording

Video Compression	H.265+ / H.265 / H.264
Recording Resolution	5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Max. Decoding Capability	5MP@25/30fps
Incoming Bandwidth	80 Mbps
Bit rate	Main Stream: 256Kbps ~ 8192Kbps
	Sub Stream: 50Kbps ~ 700Kbps
Record Mode	Schedule, Manual, Motion Detection, External Alarm, IVA Events Alarm
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

Playback and Backup

Playback Channel	4ch 1080P playback
Search Mode	Time/ Date, Alarm Types, IVA Search, Moving detection
Playback Function	Play, Stop, Play Forward, Play Backward, 30 Seconds Forward, 30 Seconds Backward, Fast Play, Slow Play, Single Frame Play, Hide/Show Time Bar, Backup, Snapshot, Full Screen
Backup Mode	USB Device / Network Remote

IVA Alarm

Local IVA Functions	Human Detection /Line Crossing / Target Counting / Object Left/ Lost / Intrusion Scene change /VQD
Regular Detection	Motion Detection / Video Shelter / Video Loss
AI Search	Support search target video by multiple intelligent conditions

Network

Network Protocol	TCP/IP, HTTP, DDNS, SMTP(SSL), DHCP, PPPoE, UPnP, NTP, P2P, ONVIF
Max. Online User	5
Web Browser	IE / Google Chrome / Firefox / Safari
Operation System	Windows
Management Platform	VMS 2.0 / IMS4.0
Mobile Application	MEEYE (iOS & Android)
P2P Cloud Service	Support
Interoperability	ONVIF Profile S, SDK, CGI, API

Storage & Auxiliary Interface

SATA Ports	1 SATA Ports, Up to 8 TB capacity HDD
eSATA	N/A
Raid 0/1/5/6/10	N/A
HDMI	1*HDMI
VGA	Support
Network Interface	1 RJ-45 Port (10/100Mbps)
USB	2 USB Ports
Audio Input/Output	1/1
Alarm Input/Output	N/A
RS-485	Support

Power

Power Supply	DC 12V 3A
Power On/Off Switch	N/A
Power Consumption	<10W (without HDD)

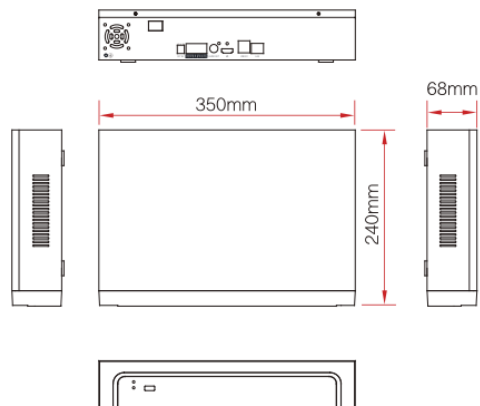
General

Casing	1U
Working Temperature	-10°C ~ 55°C / 14°F ~ 131°F
Working Humidity	10% ~ 90%
Dimensions (L*W*H)	240 * 350 * 68 (mm)
Net Weight	1kg (without HDD)
Gross Weight	1.5kg (without HDD)

Order Information

Type	Model	Description
NVR	NV508S	8CH H.265+ Support Network Video Recorder

Dimensions (mm)



Rear Panel