



Aida Mask Detection Server



Features

- Support LILIN IP cameras and ONVIF Profile S cameras
- 1 channel for mask detection , can support up to 6 detections per second, up to 24 masks per channel
- Up to 4-channel 1080P network streaming, recording, and display
- NAV live video and temperature measurement integrate with AI mask detections
- Avoid false alarm for people carrying a coffee
- NAV recorder can support alarm snapshots reaching the temperature threshold of a temperature measuring camera
- Play pre-record warning message or trigger digital output for automation
- Video play and event search for high temperature people
- Small and compact design for attaching on the back of a monitor
- Ideal for school, public transportation, office, hospital, lounge, factory, lobby

Description

LILIN NAV6001AI-M is an AIDA Mask Detection Server dedicated to identify in real time if mask rules are respected by the public, it can be used in mall, company, school or any area where there can be public

gathering occurring. If the server detect somebody not wearing a mask, it can trigger an audio or physical alarm to notify security guard on site.

Specifications

Model	NAV6001AI-M
Network video support	ONVIF Profile S, LILIN IP camera
IP Video Input	Up to 4 channel 1080P
Network video Format	H.264 / H.265 / MJPEG
Maximum Network Throughput	Upload: up to 500Mbps, Download: up to 500Mbps
Internal HDD / Swap Drive Bay	built - in 1× 500 GB 2.5 SATA SSD (OS) built - in 1× 1 TB 2.5 SATA HDD (recording)
Video input (Support quantity)	Max. 4 channels
Camera name	20 characters
Channel editing	Mouse drag-n-drop
Digital zoom	Yes, ePTZ supported
Group	User grouping authentication assignable for eMap and Navigator
Remote monitoring (Video input)	Yes, web and NAV Client
HDMI output	1 × HDMI Port 1.4b, (4096 × 2160@24Hz)
DVI / VGA output	1 × VGA Port, (1920 × 1080@60Hz)
DisplayPort output	1 × DisplayPort 1.2, (4096 × 2304@60Hz)
Application/ Recording Mode	Alarm, motion, schedule, and manual
Recording schedule	7 days × 24 hrs time table, recording mode configurable
Recording speed	Max 1080p@120 fps, and ROI recording supported
Recording Resolution	1920 × 1080, 1280 × 1024, 1280 × 768, (720 × 480 / 720 × 576), 320 × 240
Alarm recording	Mask detection
Audio Recording	Yes

Circular recording	Yes / size customizable
Limited recording	Yes / days customizable
Video Archiving	Yes
Low bitrate recording	Yes
Remote network NAS	Yes
Playback Search	Name, time, event, POS SmartSearch, motion SmartSearch, plate search, record tagging
Playback Resolution	1920 × 1080, 1280 × 1024, 1280 × 768, (720 × 480 / 720 × 576), 320 × 240
Video speed	Max 1080p@120 fps
Playback Speed	FR: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X 32X FF: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X
Backup / Video input	Max. 4 channels, AVI file format supported
Detection speed	6 recognitions per second
Number of Channel For Mask Recognition	1 channel
Number of Mask Detection Rate	Up to 24 mask per channel
Minimum face photo pixel requirement	100x100 pixel
Video resolution supported	1080P
No Mask Detected For Alarm Triggering	HTTP METADATA, IOBOX Alarm Output, NVR Alarm Output, IP CAMERA alarm output
Counter	Support
Can Set Up Time Range Using Counter	Support
Reset Counter Mode	Manually / Schedule
Alarm Management	Alarm popup for full screen, PC sound, redirect IP camera's digital output, email snapshots, redirect a PTZ preset recall
Alarm recording(Alarm / event)	Pre-alarm:1 ~ 10 seconds and post-alarm: 1 sec ~ 59 minutes
Alarm event actions	Various alarm log including video loss, stop recording, schedule, logon, operation log
Digital output	Controllable via IP cameras

Video archiving & sync.	Individual camera configurable, scheduling and instant archiving
Keyboard Keypad	PIH-931D keyboard controllable via rs-485 to usb converter for PTZ, ePTZ, and ROI features
Audio	PCM, two-way audio, audio recording
POS / barcode scanner	TCP-IP / USB interface
Protocols	ARP, TCP/IP, HTTP, SMTP, DNS, PPPoE, ONVIF
Mobile phone	LILINViewer, iPhone and Android
IP Scan	Supported, easy-to-setup for IP address
VMS support	Support NAV Client software
eMap	Supported
CPU	Intel® Core™ i3-9100
RAM	8GB (2 × DDR4 4GB)
Chipset	Intel® H310 Chipset
Display card	Intel® UHD Graphics 630
Audio (Hardware)	1 x Head Phone with Mic Jack, 1 x Mic-In
Rear panel USB port	1 × USB 2.0, 1 x USB 3.0
Front panel USB port	1 × USB 3.0, 1 x USB Type-C
SSD HDD	built-in 1 × 500GB 2.5 SATA SSD(OS) built-in 1 × 1TB 2.5 SATA HDD (recording)
Languages	English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese
OS	Windows 10 Enterprise SAC
Time sync	Daylight saving time by Windows OS
CE	Yes
FCC	Yes
Power Consumption	120W Power Supply
Power Supply	110V – 240V
Operating Temperature	10°C ~ 40°C(32°F ~ 104°F)

Storage Temperature	0°C ~ 70°C(-4°F ~ 176°F)
Relative Humidity	10% ~ 90% (non-condensing)
Dimensions	155 (H) × 155 (W) × 80 (D) mm
Color	Black
Weight	2.20 lbs (1.4kg)
