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## Aida Mask Detection Server



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## 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

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## 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<br>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<br>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<br>configurable                             |
| Recording speed                 | Max 1080p@120 fps, and ROI recording supported                                         |
| Recording Resolution            | 1920 × 1080, 1280 × 1024, 1280 × 768, (720 × 480 / 720<br>× 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<br>SmartSearch, plate search, record tagging                                         |
| Playback Resolution                    | 1920 × 1080, 1280 × 1024, 1280 × 768, (720 × 480 / 720<br>× 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,<br>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<br>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<br>camera's digital output, email snapshots, redirect a<br>PTZ preset recall |
| Alarm recording(Alarm / event)         | Pre-alarm:1 ~ 10 seconds and post-alarm: 1 sec ~ 59<br>minutes                                                                  |
| Alarm event actions                    | Various alarm log including video loss, stop recording,<br>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™ i3-10100                                                                                                                                                                         |
| RAM                     | 8GB (1 × DDR4 8GB)                                                                                                                                                                            |
| Chipset                 | Intel® H470 Chipset                                                                                                                                                                           |
| Display card            | Intel® UHD Graphics 630                                                                                                                                                                       |
| Audio (Hardware)        | 1 x Head Phone with Mic Jack, 1 x Mic-In                                                                                                                                                      |
| Rear panel USB port     | 4 × USB 3.2 , 1 × USB 3.2 Type C                                                                                                                                                              |
| Front panel USB port    | 1 × USB 3.2 , 1 × USB 3.2 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 ~ 35°C(50°F ~ 95°F)                                                                                                                                                                      |

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|---------------------|-------------------------------|
| Storage Temperature | 0°C ~ 70°C(32°F ~ 158°F)      |
| Relative Humidity   | 10% ~ 90% (non-condensing)    |
| Dimensions          | 155 (H) × 155 (W) × 80 (D) mm |
| Color               | Black                         |
| Weight              | 2.20 lbs (1.4kg)              |

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