

Aida Mask Detection Server

NAV6001AI-M

www.meritlilin.com



HDMI



DisplayPort



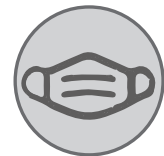
H.264 / H.265



SSD



1080P



Mask

Introduction

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.

- Support 1 channel mask detection
- Mask Detection
- Up to 4 channels 1080P network streaming, recording, and display
- 4 channels
- Each channel can support up to 6 detection per second
- Suitable for factory lobby entrance
- built-in 1 × 128GB M.2 2280 SSD (OS)
- built-in 1 × 1TB 2.5 Inch SATA HDD (recording)
- Dual streaming decoding mode supported
- 1 monitor support up to 1 channels (480P 15FPS)
- Support multi-channels synchronized playback (remote or local)
- Support Fisheye camera dewarping
- LAN1: Intel® I219V with 1GbE
- Built-in 120W Power Supply
- MINI PC

Basic Spec	
Network video support	LILIN IP camera, LILIN IP camera over HTTPS, LILIN Fisheye camera, LILIN IP speed dome, LILIN DVR/ NVR, LILIN DHD recorder, NAV live streaming, P2P live streaming, ONVIF camera, manual RTSP, screen capture, USB video input, picture capture
Chassis	MINI PC
Network video input	Up to 4 channels 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 × 128GB M.2 2280 SSD (OS) built-in 1 × 1TB 2.5 Inch SATA HDD (recording)
Video input	
Support quantity	Max. 4 channels
Camera name	20 characters
Channel editing	Mouse drag-n-drop
Fisheye Dewarp Mode	Ceiling and ground mounted, 1 R One Region, 3 R10 Three Regions One Fisheye, 4 R Four Regions, 2 R1P Two Regions One Panoramic 360, 2 P Two Panoramics 180, 8 R10 Eight Regions One Fisheye, Wall mounted, 1 R One Region, 3 R10 Three Regions One Fisheye, 4 R Four Regions, 2 R1P Two Regions One Panoramic 180, 1 WP One Wall Panoramic 180, 8 R10 Eight Regions One Fisheye
Digital zoom	Yes, ePTZ supported
Privacy Mask	Supported
Remote monitoring	Yes, web and NAV Client
Video output	
HDMI output	1 × HDMI Port 1.2 (4096 × 2160@60Hz)
VGA output	No support
DisplayPort output	1 × mini DisplayPort 1.2, (4096 × 2160@60Hz)
Split screen	4
Dual stream technology	Multi-channel displays D1 and full screen displays 1080P
Multi-screen	1 monitor support up to 4 channels (480P 15FPS)
Recording mode	
Recording mode	Alarm, motion, schedule, and manual
Recording schedule	7 days × 24 hrs time table, recording mode configurable
Recording resolution & framerate	Max 1080p@30 fps, and ROI recording supported
Motion recording	4 channels
Alarm recording	Mask detection
Audio recording	Yes
Circular recording	Yes / size customizable
Limited recording	Yes / days customizable
Failover	No Supported
Video archiving	Yes
Low bitrate recording	Yes
Remote network NAS	Support NAS (SMB/CIFS), iSCSI
Playback	
Playback search	Date, time, Smart search, Alarm search, POS, ANPR search, Face search, Face trace search (in FR server only), Tagging search
Playback resolution and framerate	Max 1080p@30 fps
Playback speed	Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X Fast Forward: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X
Backup / Video input	Max. 4 channels, AVI & MP4 file format supported NAV Server / Navigator Client / DVR / NVR / IP camera
Remote video	SD card, maximum can support up to 4 channels playback and backup
Alarm / event	
Alarm management	Play audio file, send email notification, PTZ preset, digital output triggering, full screen, post alarm record, pre-alarm record, advanced alarm digital output, send customizable HTTP POST CGI URL to third party device, alarm ACK, alarm snapshot, text overlay, App cloud push notification, NCC TV wall ACK, NCC eMap Center Alarm, NCC play sound, NCC global alarm setting, all these action can be automatic or scheduled
Alarm recording	Pre-alarm:1 ~ 10 seconds and post-alarm: 1 sec ~ 59 minutes
Alarm Scheduling	Up to four alarm tables with AND logic
Alarm event actions	Various alarm log including video loss, stop recording, schedule, logon, operation log
Digital output	Controllable via IP cameras

Video archiving	
Video archiving & sync	Individual camera configurable, scheduling and instant archiving
Accessories	
Keyboard	PIH-931D keyboard controllable via rs-485 to usb converter for PTZ, ePTZ, and ROI features
Audio	PCM/G.711/AAC, two-way audio, audio recording
POS	Third party TCP/IP/ RS-232 / Bluetooth supported / HID USB Barcode scanner
Protocols	ARP / TCP/IP / RTSP / ONVIF / HTTP / HTTPS / SMTP / DNS / PPPoE / SDDP
Mobile support	LILIN Pro&Home, iPhone and Android
IP Scan	Supported, easy-to-setup for IP address
VMS support	Support NAV Client software
eMap	Supported
Hardware	
CPU	Intel® Core™ i3-10100
RAM	8GB (1 × DDR4 8GB)
Chipset	Intel® H470
Display card	Intel® UHD Graphics 630
Ethernet Ports	1 x Intel® I219V with 1GbE
Audio	2 × Audio jack(s)
Rear panel USB port	1 × USB 3.2 Gen1 Type-C
Front panel USB port	1 × USB 3.2 Gen1 Type-C, 1 × USB 3.2 Gen2 Type-A
SSD / HDD	built-in 1 × 128GB M.2 2280 SSD (OS) built-in 1 × 1TB 2.5 Inch SATA HDD (recording)
Other	
Language	English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese
OS	Windows 10 embedded SAC 21H2
DST	Daylight saving time by Windows OS
Warranty	3 years
Power and environment	
Power consumption	120W
Power supply	110V ~ 240V
Operating Temperature	0° C ~ 40° C (32° F ~ 104° F)
Storage Temperature	-10° C ~ 60° C (14° F ~ 140° F)
Relative Humidity	10% ~ 90% (non-condensing)
Dimension (mm)	155 (H) × 155 (W) × 80 (D) mm
Color	Black
Weight	2.20 lbs (1.4kg) - Net
Recognition Specifications	
Detection speed	6 detection per second
Number of channel for mask detection	1 channel
Number of Mask detection rate	Up to 4 masks per channel
Minimum face photo pixel requirement	100x100 pixel
Video resolution supported	1080P (30fps)
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