Aida

AIMask Aida Mask Detection with Social Distance Detection

Introduction

Aida mask-detection system, which relies on AI image analysis technology to identify when people are not wearing masks. The system can be used to enforce strict mask-wearing rules and help with access control to prevent disease-prevention lapses。

- Automated detection: through AI image analysis technology, an alarm notification is issued for people who are not wearing masks at entrances and exits。
- One-stop management: NAV system integrates AI masks and facial recognition, print screen alarm notification and trigger pre-recorded warning voices, etc。
- Support multiple functions: including image playback, event search and image screenshot。

Aida Mask Detection with Social Distance Detection

Industry	
Product code	AIMASK
ANPR or object recognition supported	Mask, no mask, improper mask wearing, social distance detection
Camera supported	LILIN cameras (recommended) and ONVIF cameras
Supported AI engines	Human management
Aida processing power capability	Aida power 1 / ch
Rrecognition speed (per server)	6 recogs / sec / ch
Maximun objects recognized in a frame	24 objects / frame
Zone confinguration	4 zones
Color recognition	Supported
AI recognition resolution requirement	Object 120x120 pixels
Object size filter	Yes
SDK	Yes
Video resolution	English / Traditional Chinese / Japanese / Italian
User management with access rights	Three levels
Application	Healthcare
Recording (optional)	Navigator Corporate

Traffic management	
Behavior counter	**64**
Behavior	Mask, improper mask wearing, no mask, Social distancing

Statistics and Counter Reports	
NAV statistics report (optional)	Vehicle flow, vehicle types, people counting, behavior counting, and color counting
NAV statistics report type (optional)	Web based pie chart, bar chart, and line chart JPEG snapshot supported
NAV statistics range (optional)	7 day, 30 days and 60 days
NAV statistics summary (optional)	Camera, object classification, or behavior summary report
NAV counter (optional)	Support tripwire mode and object tracking

Alarm Notification	
HTTP Post notification	LILIN smart IO box, LILIN LED display, third-party network device, or cloud
HTTP/HTTPs push notfication with JPEG snapshot	16
Support Line notfication	Via IFTTT
Digital output	Controllable via IP cameras or LILIN Network I/O Box
Car park counting for multi cameras	LILIN LED display
Building capacity counting display	LILIN LED display

System Sequirements	
Suggested CPU	Intel® i3 or above
GPU/VPU supported	Intel® HD Graphics 630 or above, PMH-XM2280, Intel® Movidius™ NCS2 NVidia 1050 4G or above
System memory	RAM 8G (recommended)
OS requirement	Windows 10 with DirectX 12 installed

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