

AIFIRE Aida Fire and Smoke Detections

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Aida Fire and Smoke Detections

Industry

Product code	AIFIRE
Object recognition supported	Fire and smoke
Camera supported	LILIN cameras (recommended) and ONVIF cameras
Supported AI engines	Environmental safty
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	None
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	Public safty
Recording (optional)	Navigator Corporate

Traffic management

Behavior	Fire and smoke detection
Behavior counter	64

Alarm Notification

HTTP Post notification	LILIN smart IO box, LILIN LED display, third-party network device, or cloud
HTTP/HTTps push notification with JPEG snapshot	16
Support Line notification	Via IFTTT
Digital output	Controllable via IP cameras or LILIN Network I/O Box

System Requirements

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

Note: For recognition accuracy, each camera requires 6 recognitions per second. Each camera with AI Engine can cover number plate recognition of 1~2 vehicles for 1~2 lanes.

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