AICAP Aida People & Car Counting for Premises Capacity

Introduction

LILIN people and car counting for premises' capacity solution effectively analyze the capacity of humans and cars in a premises area and provide traffic flow statistics for the control of traffic signals。

▶ Effectively analyze the capacity of people and cars in an environment。
▶ Provide traffic flow statistics for the control of traffic signals. Can
▶ count in and out of the recognition area independently of different objects. One channel supports 4 detection zones。
▶ 64 counters for behavior detection and cross channel. Support。
▶ rectangle and four corners to move randomly to circle the identification area。

Aida People & Car Counting for Premises Capacity

Industry

Product code	AICAP
ANPR or object recognition supported	Person, bicycle, car, motorbike, airplane, bus, train, truck, boat, TUK TUK, pickup truck, fire engine, container, VAN, SUV, police car, ambulance
Camera supported	LILIN cameras (recommended) and ONVIF cameras
Supported AI engines	Traffic management
Aida processing power capability	Aida power 2 / ch
Rrecognition speed (per server)	4 recogs / sec / ch
Maximun objects recognized in a frame	24 objects / frame
Zone confinguration	4 zones
Color recognition	Traffic objects
AI recognition resolution requirement	Traffic object 100x100 pixels
Object size filter	Yes
SDK	Yes
Video resolution	English / Traditional Chinese / Japanese / Italian
User management with access rights	Three levels
Application	Traffic management
Recording (optional)	Navigator Corporate

Traffic management

Behavior	The capacity of human in a premises, the capacity of car in a premises,
Behavior counter	64

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® i7 or above
GPU/VPU supported	NVidia 2060 6G or above
System memory	RAM 16G (recommended)
OS requirement	Windows 10 with DirectX 12 installed