MEGVII HongTu 3000

AIOT Application and Computing All-in-One Device

MEGVII 旷视

MEGVII HongTu is an AIoT all-in-one device with business platform and computing capability for small and medium-size building and campus. The product integrates lightweight server + high performance computing chips + lightweight AIoT business platform as an all-in-one solution to improve management efficiency, safety and customer experience.

MegCube-HAL3004-1S2-N0

Product Features

Built-in Security Application

AC management, person & vehicle control, perimeter alert, real-time clustering, attributes search, VA, Dashboard, People counting

API for External Cooperation

Provide rich open API to meet special business and quick integration.

High Processing Performance

Support AI device up to 256channels, with 100,000 face images in database.

Privacy protection with feature extract

Support feature extract / issue, provide more secure solutions.

Application Scenarios

Smart Building

Smart Campus

Smart Factory

Feature

Basic Function	Description	MegCube-HAL3004-1S2-N0
	Maximum Face Database	300,000
	Maximum online users	1000
	Maximum management devices	256ch, including face recognition pad, IP camera via AI box connected.
	Video Stream	16ch for FR/ 16ch for structure/ 16ch for perimeter/16 for objects/ 12ch for behavior/ 16ch for people counting
Business Function	FR	Access control , Time attendance, Visitor management, VIP Welcome
	Person Surveillance (Blacklist, stranger, structure)	• Registered person alarm/ registered person track • Global Stranger • Clustering/Real time frequent stranger / Deep search • Search by face / stranger track • Attribute Search
	People Counting	• Entry/Exit, Regional
	Video Surveillance	• Video preview / video playback
	Smart Analysis	• Perimeter/ behavior/ objects (default support) • Hygiene/work safety/community (work with B4H)

Algorithm Ability List

Built-in Algorithm	FR	• Face recognition
	Perimeter alert	• Personnel crossing the border/intrusion/wall-climbing detection/loitering; Motor&non-motor vehicle departure/crossing the boundary/climbing detection/no parking /intrusion; people leaving
	Behavior alert	• Person Off Duty/On /Overstaff/ Less Staff, Run, Fall, Fight, Smoking, Watching at the phone, Answering the Phone, Person Gathering, Sleep On Duty, Weapon
	Object	• Unattended object, object guard, object left
	People Counting	• Entry/Exit, Regional
Extra Algorithm *need license and work with B4H*	Hygiene Kitchen	• Mouse, Trash Bin Uncovered, Not Wearing Chef Cloth, Not Wearing Chef Hat, Not Wearing the Mask, Not Wearing the Gloves, Fire Without Person
	Work Safety	• Not Wearing Safety Cap, Not Wearing Work Cloth, Not Wearing Safety Belt, Not Wearing the Mask, Smoke, Flame, Not Wearing the Reflective Vest, Fire Facility, Liquid Leak
	Community	• Electrical Scooter in Lift, Throwing from High Building, Garbage Overflow, Garbage Exposure, Smoke, Flame, Fire Facility.

Contact

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