MEGVII HongTu HML2000

AIOT Application Intelligent Device

MEGVII HongTu HML2000 is an all-in-one device with business platform for small and medium-size building and campus. The product integrates lightweight server as the hardware carrier, equipped with lightweight application. Mainly provide cost-effective intelligent comprehensive applications such as smart access, attendance, visitors, VIP welcome.



MegCube-HML2002-N0

Product Function

- Based on the low-power X86 platform and high-performance computing chip, it provides access control/time attendance/ visitor/ people counting/ VA business.
- Supports face/card attendance, senseless attendance and other attendance methods. Flexible attendance rules can be configured to automatically generate rich attendance reports.
- Access control management business with the ultimate experience, supporting multiple verification methods such as face/card/password/QR code.
- Powerful visitor management function, which can realize visitor self-service reservation, visitor invitation, administrator approval, and SMS notification function.
- Manage intelligent edge devices, obtain perimeter alerts/behavior alerts/item alerts/hygiene kitchen/production safety monitoring events, and generate them in real time.
- Real -time statistics on the number of people entering and exiting, and real-time alarms when the number of stranded people exceeds the limit; real-time detection of the density of people in the area, and real-time alarms when the density of people exceeds the limit.
- Data dashboard displays business analysis data and intelligent alarm data in multiple dimensions.
- Comply with security compliance and provide solutions for facial feature values and facial images to ensure data privacy and security.
- Manage Megvii Shenxing panel machine, smart camera(C4H) and AI box, and also supports GB28281/GA1400/RTSP/ONVIF standard protocol to access third-party video equipment for intelligent analysis.

Application Scenarios



Smart Building



Smart Campus

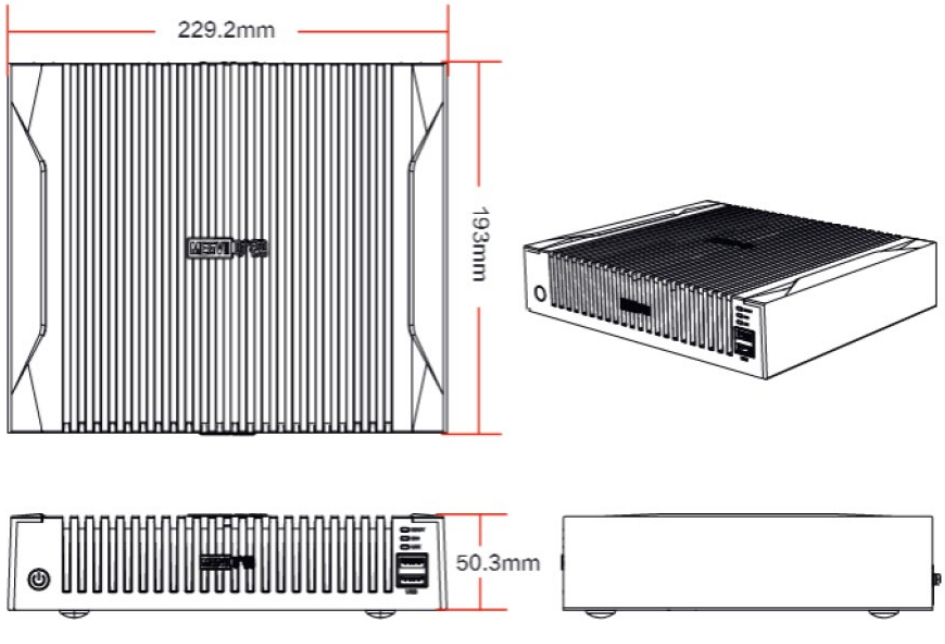


Smart Factory

Model	MegCube-HML2002-N0
Device Access Capability	
AI Devices (B4H/D3X/C4H)	64ch
Face Database	100,000
Business Functions *work with W4K/W5K series /B4H/D3X/C4H	Attendance management, access control management, visitor management, welcome management, people statistics, intelligent analysis, data dashboard
Algorithm Ability	
General Algorithm *work with B4H/D3X/C4H	• FR • 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.*

Specification

Model	MegCube-HAL2002-1S2-N0
Hardware Parameters	
Main processor	X86 CPU
Memory	8GB
Data Disk	2T HDD (default factory built-in)
Network interface	10M/100M/1000M adaptive Ethernet, RJ45 *2
USB interface	1* USB 3.0 port, 3*USB 2.0 ports
Video output interface	1*HDMI output port
Serial port	2* RS485 ports
Operating temperature	0~45℃
Alarm in/out	4* alarm in, 4* alarm out
Power supply	12V ± 10% 5A
Power consumption	≤60W
Dimension	229mm * 193mm * 50mm
Weight	≤2.2kg



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