



Product Description



Neuron AI Box (MegCube-B4H series) provides the hardware processing capability of multi-AI algorithms, widely used in building, community, campus and etc.. Combined with AI chip + AI framework + AI algorithms, it supports multi-channel AI analysis.



Product Features

➤ Built-in Multi-AI algorithm

Built-in FR, structured, perimeter protection and more than 30 AI algorithm, applied in different scenarios.

➤ High Performance AI Meg-engine

AI computing over 28.8T, 16ch AI video stream, 30W face database.

➤ Flexible Integration

Rich REST API and SDK make integration very easy and friendly.

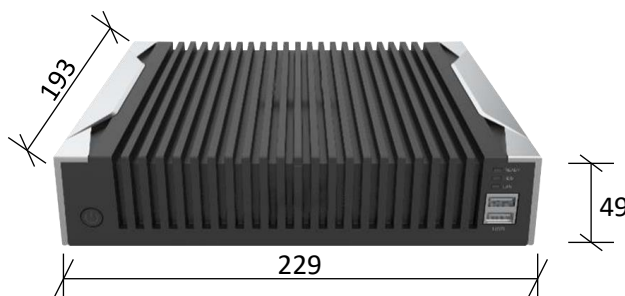
➤ Convenient Deployment

Smart design supports desktop and wall-mounting and RTSP standard protocol video stream for upgrading project.



Product Dimensions

Unit: mm





Specifications

Main Processor	High performance embedded microprocessor
Operation System	Embedded Linux
CPU	AX 630
Memory	16GB DDR4
Storage	32GB eMMC
Video Decoding Type	H.264/H.265, support maximum 8MP IPC
Video Channel	Up to 16ch
Face Recognition(16ch)	1. Face-Body binding + Face recognition : up to 16ch 2. Face capture, face recognition, face attribute, body capture, body attribute, face with body, database up to 30w
Video Structured (maximum 16ch)	1. Picture Capture: Face, body, motor vehicle, non-motor vehicle 2. Attribute Output: Face, body, vehicle, non-vehicle 3. Binding Relationship: face-to- person, person-to- non-vehicle
Intelligent Alert (Perimeter maximum 16ch, Behavior maximum 10ch)	1. Perimeter alert :personnel crossing the boundary, personnel overturning the wall, personnel intrusion, personnel wandering, personnel on duty/leaving, vehicles crossing the boundary, vehicle parking prohibited, vehicles leaving. 2. Behavior alert: smoking, running, falling, phone call, play mobile phone, sleeping





Specifications

Active Report	1. Face capture, face recognition, face attribute results 2. Results and attributes of face human-machine 3. Alert
Network	2 x 100M/1000M Adaptive Ethernet RJ45
Alarm Input	4 x Dry Contact
Alarm Output	4 x Dry Contact
Network Protocol	TCP/UDP/HTTP/MULTICAST/DHCP/FTP/NTP/HTTPS/R TSP
Dual- Network	Supports three modes of “multi-address setting”, “load balancing” and “main/standby mode”
Working Conditions	-20°C~+60°C
Power Supply	DC12V±10%, 2A
Material	Metal Case
Weight	<2KG
RS485	2
Reset Button	1
Front USB	1 x USB2.0, 1 x USB3.0
Back USB	2 x USB2.0
RUN Indicator	1, Red+ Green

