

AIBOX-16

Video-based AI Computing BOX



Features

Powerful Computing Capacity

- 16 Tops computing capacity

Recognitive Functions

- Human Silhouette and Vehicle capturing
- Real-time multiple face and LPR matching
- Fire detection
- Container number detection
- People and Vehicle flow density detection

Abundant Functions and Features

- Alarm in&out / RS232

Specifications

	AIBOX-16
Video/Audio Input	
IP Camera Input	Up to 16
Resolution	Up to 4K
Compression	H.265 / H.264
Protocols	ONVIF, RTSP, GB28181
Interfaces	
Ethernet	2 x Gigabit network port, RJ45 interface
Alarm In / Out	2 x Inputs / 2 x Outputs
Control	1 x RS232
Memory Slot	Internal Micro SD card slot, supports up to 128GB
Artificial Intelligence	
Computing Capacity	16 Tops
Face / LPR Matching	Real-time / Post-event
Search Mode	Date and time / Camera / Face image
Supported Algorithm	Face matching, Human attributes analysis, LPR, Car attributes analysis LPR license not included
Optional Algorithm	Helmet detection, Fire detection, Container number detection, Flow density detection
Face picture Library	32 libraries Up to 10,000
System	
Operating System	Embedded Linux
User Management	Admin / User
Environmental	
Operating Temperature	-10°C ~ 55°C / 14°F ~ 131°F
Electrical	
Power	DC 12V, 2A
Power Consumption	Max. 15W
Mechanical	
Weight	1.7 kg / 3.75 lb
Dimensions	172 x 148 x 49.5mm / 6.77" x 5.83" x 1.95"

Dimensions

Units:mm

