



DS-AIBOX-RM

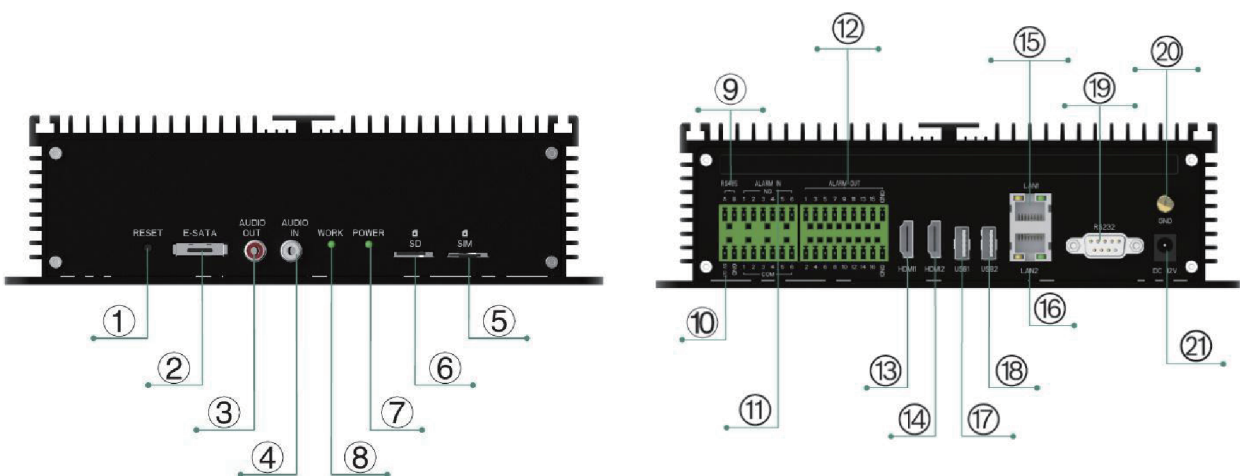
16T Computing Power / 16 Ports / Support 5G / Industrial Dustproof / Effective Heat Dissipation

- ✧ up to 16 channels 1080P video streams
- ✧ 16Tops Deep Learning power
- ✧ windows application for parameter configuration
- ✧ secondary development interface for system access
- ✧ energy efficient and compact design

Model	DS-AIBOX-RM
CPU	4 ARM CortexA55
RAM	DDR3 2GB
Video Port	HDMI port, max. 1920*1200
Network Port	RJ45 1000BASE-T * 2
Storage	8GB /16GB EMMC selectable
Interface	USB3.0 * 2, e-SATA, HDMI 2.0 * 2, DC 12V/5A, Alarm I/O, Audio I/O, RS485, RS232, RST reset
Video In	Up to 16 channels of RTSP, support H.264/H.265, max. 1920*1200
Remote Configuration	Time setting, system upgrade, restart operation, etc. of the device can be performed via the client.
Log View	Device log information can be viewed via the client.
Status View	Device availability, running time, system time, number of captured pictures, can be view via the client.
Power	DC12V@5A
Power Consumption	≤25W
Operating Temp.	-30°C- 70 °C
Storage Temp.	-40°C- 80 °C
Operating System	Linux
Dimension	232.42 * 147.3 * 53.2 mm (L*W*H)

Application Example

Applicable	Combined with scene adaptation, software-defined hardware (including face detection snapshots, abnormal behavior analysis, safety production management, VIP/strangers precise recognition, vehicle analysis, attribute analysis, passenger flow statistics).
Snapshot Display	Captured face image can be displayed via the client.
Snapshot Mode	Capture mode can be set via the client, including real-time mode, timing mode, entry mode, exit mode.
Snapshot Parameter Setting	Snapshot rules can be set via the client, including face threshold, protocol upload, etc.
Snapshot Data Output	Data output can be obtained via client SDK, including face jpg image, channel no., timestamp, face position, background image, face confidence, etc.



Item	Content	Function
1	RESET	reset button
2	E-SATA	hard disk port
3	AUDIO OUT	audio output
4	AUDIO IN	audio input
5	SIM	SIM card slot
6	TF	TF card slot
7	POWER	power LED
8	WORK	work LED
9	RS485 A/B	RS485
10	DC12V OUT	power output

11	ALARM IN	alarm input * 6
12	ALARM OUT	alarm output * 8 + GND * 2
13	HDMI1	HDMI port 1
14	HDMI2	HDMI port 2
15	LAN1	network port 1
16	LAN2	network port 2
17	USB1	USB port 1
18	USB2	USB port 2
19	RS-232	RS-232
20	GND	GND
21	DC 12V	power input

