MDVR-A8Pro-H0808



Introduction

A8Pro-H0808 includes a 3.5-inch module, host module, communication and power modules. The product is an intelligent monitoring and dispatching device integrating traffic scheduling, video playing, voice broadcast, driver attendance and business sensor interconnection features.

Features

- Each module is connected by automotive-grade and high precision connectors, supporting quick dismantling, which is safe and easy to maintain;
- Embedded Linux OS;
- Quad-core processor and powerful neural network interference engine, supporting multiple intelligent algorithms;
- Support H.265/H.264 coding and decoding to improve memory space utilization;
- Support 3.5-inch hard disk storage;
- The overall system adopts mechanical vibration reduction, electronic & software anti-vibration and comprehensive vibration reduction technology combining the aforementioned three technologies;
- Multiple peripheral interfaces.

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Parameters

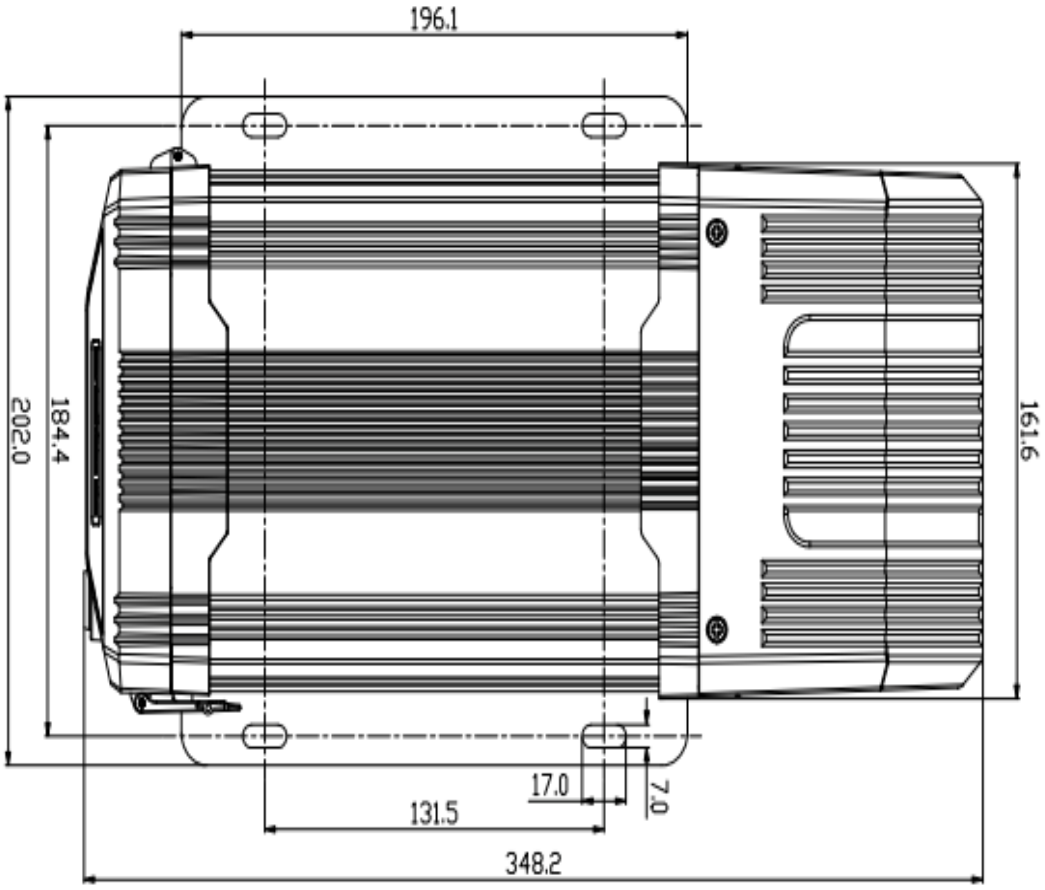
Product model		
	A8 Pro-H0808	
	Technical items	Technical index
Parameters		
	CPU	ARM Cortex A53 quad-core @Max. 1.15GHz
	Memory	2GB
	OS	Linux
	3G/4G	TDD-LTE/FDD-LTE/EVDO/TD-SCDMA/WCDMA
	5G	Optional
	WIFI	802.11b/g/n/ac (optional)
	Position	Support GPS/Beidou positioning
	HDD	Support1*3.5-inch HDD and heating Support 1*M.2 SSD (optional)
	Sensor	Support 6-axis acceleration sensor
Interface		
	Video input	8icahnnel AHD+8-channel IPC (maximum resolution supported is 1080P)
	Coding & decoding	1080p@240fps H.265/H.264 coding +1080p@240fps H.265/H.264 decoding
	Video output	1-channel CVBSoutput+1-channel VGA output
	Audio input	8-channel analog+8-channel digital output
	Audio output	1-channel analog
	USB	Front Type-A interface USB3.0, rear aviation connector interface USB2.0
	SD	1 SD card interface
	LAN	1*1000Mbps, RJ45 interface
	SIM card	1*SIM card slot (2*SIM cards optional)
	IO	8-channel input, 2-channel output
	Amplifier	2-channel output, the maximum of (2*SIM cards optional)
	Serial port	RS232*2，RS485*2
	CAN	2*CAN
	Speed	1-channel pulse velocity measurement
	MIC	External microphone
Power specification		
	Power input	DC 8 ~ 36V
	Power output	12V/1A，5V/0.5A
	Power consumption	Bare machine power consumption of the host<12W, typical power consumption<95W
Installation		
	Dimensions	348.2（L）*202（W）*161.7（H）mm (with rear protection cover)
Working environment		
	Operating temperature	-30℃ ~ +55℃ (MDVR with HDD) -30℃ ~ +70℃ (MDVR without HDD)
	Storage temperature	-40℃ ~ +70℃

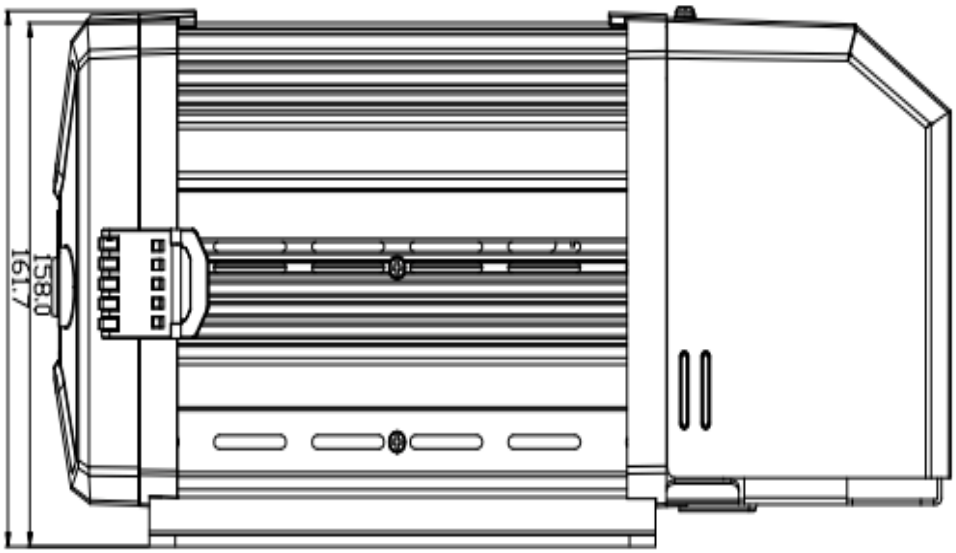
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Weight	
Product Weight (with package)	Approx. 7.5 Kg(without HDD)

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Dimensions

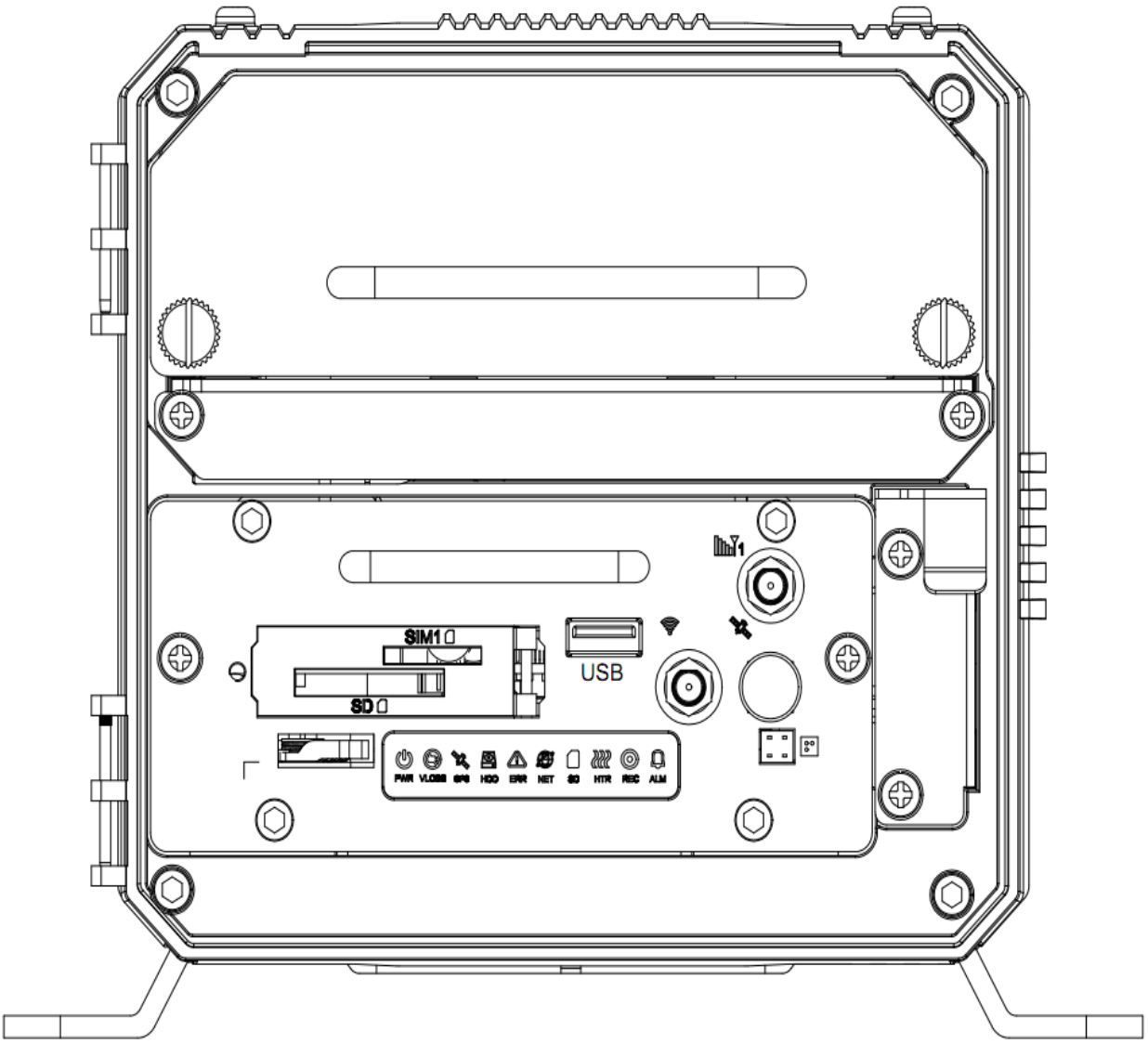




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Panel Interface

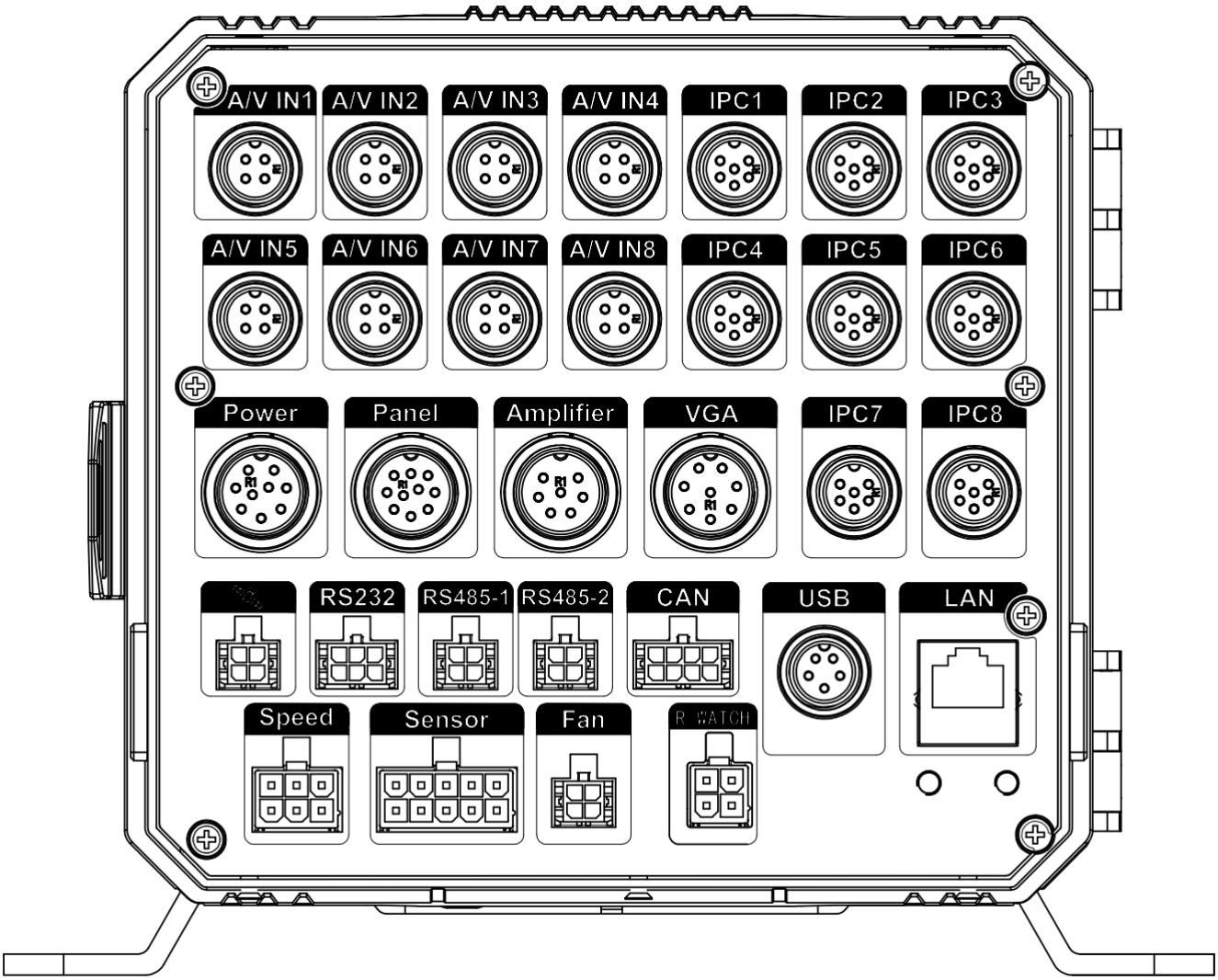
前面板



Interface of front panel	
SIM1	SIM card interface
SD	SD card interface
USB	USB3.0 interface
	WIFI/ Bluetooth module antenna interface
	Built-in positioning module antenna interface
	4G module antenna interface
	Serial port debugging interface
	Indicator display interface

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Rear panel



Interface of rear panel	
A/V IN1~A/V IN8	Analog HD camera input
IPC1 ~ 8	Digital IP camera input
Power	Power input
Panel	Interface of interactive screen
Amplifier	Amplifier output
VGA	VGA HD display output
	Interface of external positioning module
RS232	2-channel RS232 interface
RS485-1/RS485-2	2-channel RS485 interface

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CAN	2-channel CAN interface
USB	Fire-proof box interface
LAN	LAN interface
Speed	Pulse velocity measurement input/alarm output interface
Sensor	Alarm input
Fan	Fan interface
R-WATCH	Interface of R-WATCH prompter

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