



User Manual For Smart Pad



Notice

The information in this manual was current when published. The manufacturer reserves the right to revise and improve its products. All specifications are therefore subject to change without any notice.

The purpose of this manual is to kindly aid the user for the operation for our MDVR. The user should have a basic understanding of computer operation and basic knowledge of how to connect peripherals and make some settings.

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Guarantee & Warnings

1) Electrical Apparatus Safety

All installation and operation should comply with local electrical safety norms.

2) Transportation

In the process of transportation, storage and installation, please avoid heavy stress, violent vibration, impact and water splashing.

3) Installation

Install the equipment in accordance with the requirements, handle carefully. Do not heavily press the equipment before the MDVR installation is finished.

4) Requirements on Engineers & Technicians

All the work of checking and maintenance should be done by qualified technicians and engineers. We do not undertake any responsibility caused by unauthorized modifications.

5) Requirements on Environment

The equipment should be installed and stored in a cool and dry place, away from direct sunlight, flammable or explosive substances, etc. Keep gaps not less than 3cm around the device to facilitate ventilation for cooling.

6) Accessories

Make sure to use accessories from the manufacturer recommended in the attachment.

Insulate circuit ground and metal shell for all the peripherals.

Before installation, please open the package and ensure that all parts are included.

If there are any problems, please contact us as soon as possible.

1. Product characteristics

1.1. Overview

Streamax Smart Pad is a multi-functional extensive device specially designed for mobile video surveillance system. It adopts Multi-core processor and built-in operating system, combining with H. 264 video compression / decompression technology, 4G/3G network technology, GPS locating technology and WIFI technology. It also achieves alarm linkage central monitoring, remote management and playback analysis. It is powerful with strong anti-vibration, anti-electromagnetic interference, compact size, flexible installation, Dual SD card backup design, easy maintenance and high reliability. Smart Pad can only be used on vehicles.

1.2. Specifications

Items		Technical Index
Smart Pad		
System	OS	Android 8.0
	Control Mode	Remote by network(3G/4G/WIFI/Bluetooth) Screen touch
Video	Input	2 channel AHD
	Output	/
Audio	Input	Build-in MIC,Single channel
	Output	Build-in Speaker,Single channel
Screen	Screen size	7 inch TFT ,Touch screen
	Resolution	1024*600
	Brightness	Automatic or manul
Recording	Video/Audio Compression	Video: H.264 Audio: ADPCM
	Recording Mode	Boots up/schedule/alarm event recording(sensor trigger, speed, external acceleration sensor, alarm button)
Playback	Playback Channel	1/4 channels by local playback
Network	Ethnet	1 x 10/100 M Ethernet port (integrated in POGO-pin)
	WIFI	Support 802.11b/g/n and 2.4Ghz
	3G/4G	EVDO/WCDMA/TDD-LTE/FDD-LTE
	Bluetooth	Support BT4.1+HS
Locating	GPS	Location tracking, speed detection and time sync
Storage	SD card	Supports SDXC 32GB/64GB/128GB/256GB
Camera	Parameter	Build-in 8MP,F2.2
Sensor	G-sensor	6 axis

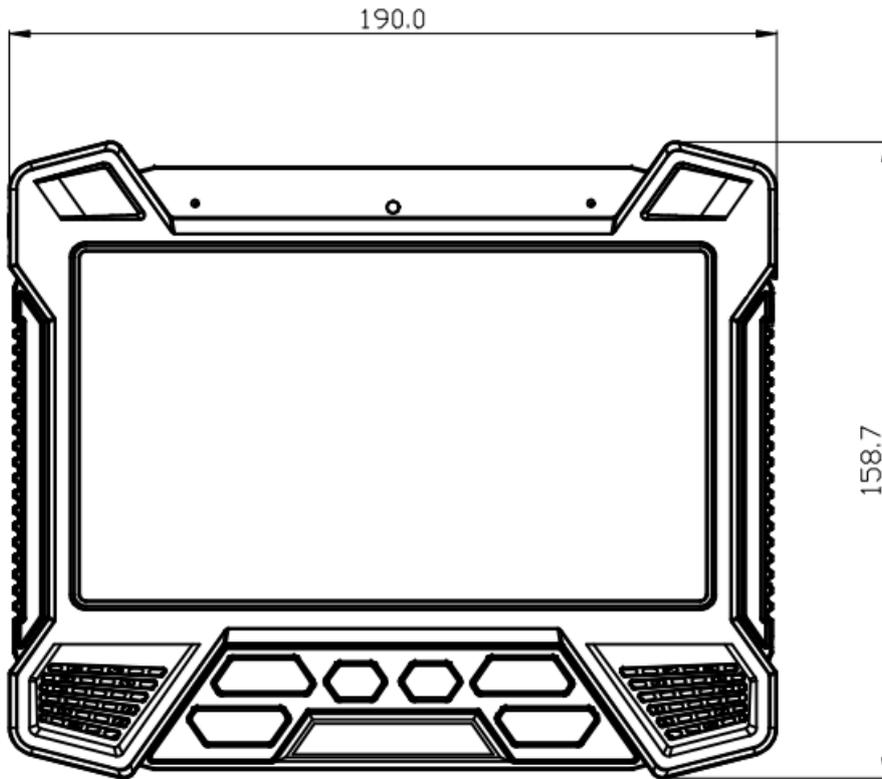
Battery	capacity	Build-in 3400mAh Li-ion
Interface	USB	1 x USB2.0 (Type A)
	SD card slot	2
	SIM card slot	1
	Serial interface	RS232 x 1 (integrated in POGO-pin)
	Vedio input interface	2 channel AHD (integrated in POGO-pin)
	Power interface	DC12V x 1 (integrated in POGO-pin)
Keys	Brightness adjustment	Support Brightness+/-
	Volume adjustment	Support Volume+/-
	Home Key	Support return to main UI
	Alarm key	Support Alarm
	Power/Off key	Power-off , Power-on
Power	Input	DC12V
	Max power consumption	≤3W
Physical Characteristic	Dimension (L x W x H)	190*159*30
Operating Environment	Temperature	-10°C ~ +50°C
	Relative Humidity	95%
DataHub		
	Serial interface	RS232 x 1, RS485 x 1 , CAN x 2
	Sensor	4 inputs, 1 outputs
	Speed	1 channel pulse speed detection
	Ethernet	1 x 10/100M connect to Smart Pad 2 x 10/100M connect to IPC
Video	Input	4 channel
Power	Input	DC8V-36V,ACC
	output	5V@500mA & 8V-12V@500mA for peripherals DC12V@2A for Smart Pad
	Max power consumption	≤10W
Physical Characteristic	Dimension (L x W x H)	144*81*44
Operating Environment	Temperature	-40°C ~ +70°C
	Relative Humidity	95%
Holder		
	FAN	2 x Silent Fan (option)
	Magnet	1 x Magnet
Physical Characteristic	Dimension (L x W x H)	161*196*50
Operating	Temperature	-40°C ~ +70°C

Environment	Relative Humidity	95%
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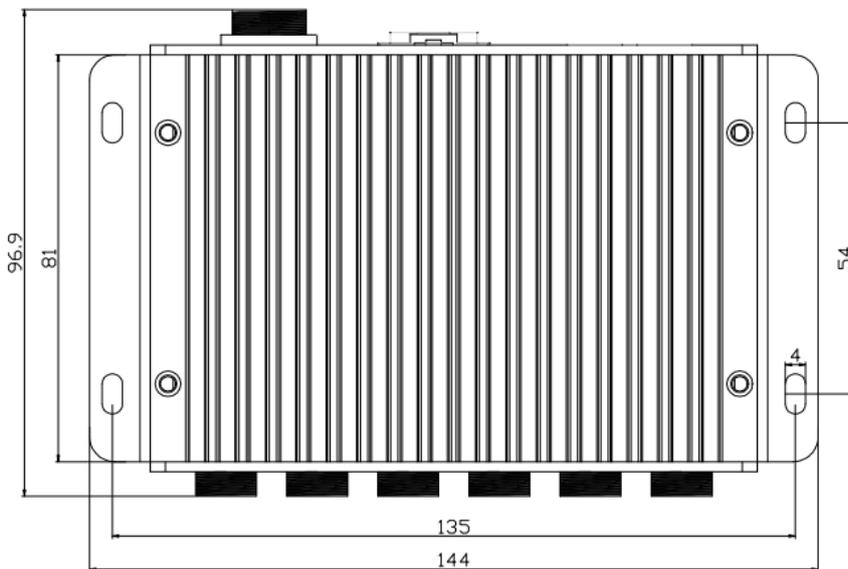
1.3. External interface

Dimension (Unit: mm)

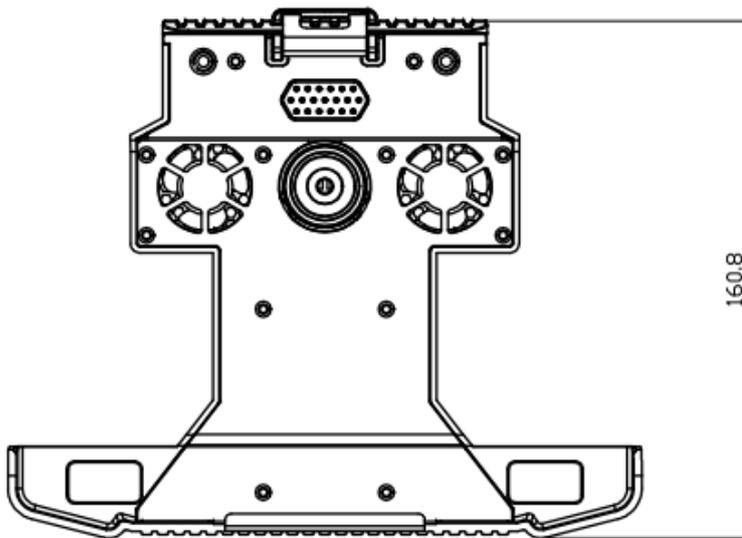
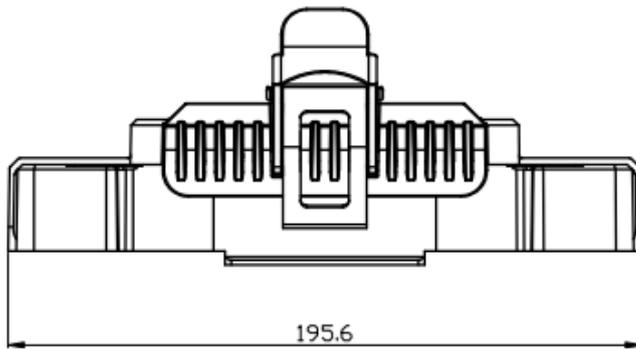
Smart Pad



DataHub



Holder

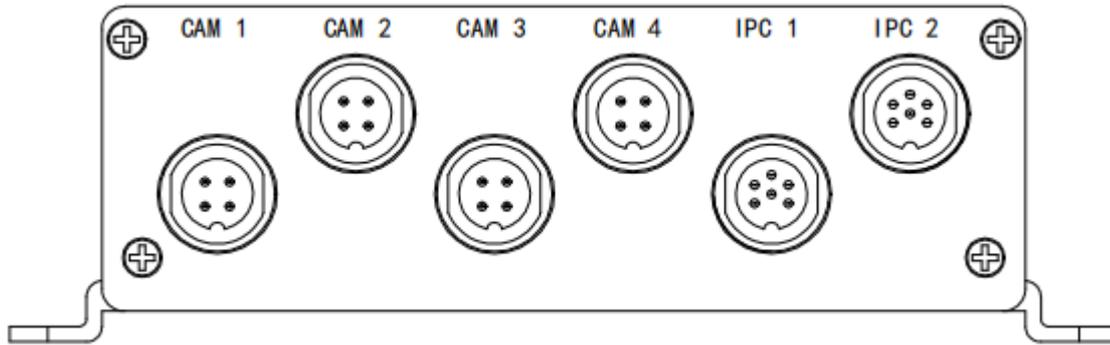


Front Panel

Smart Pad

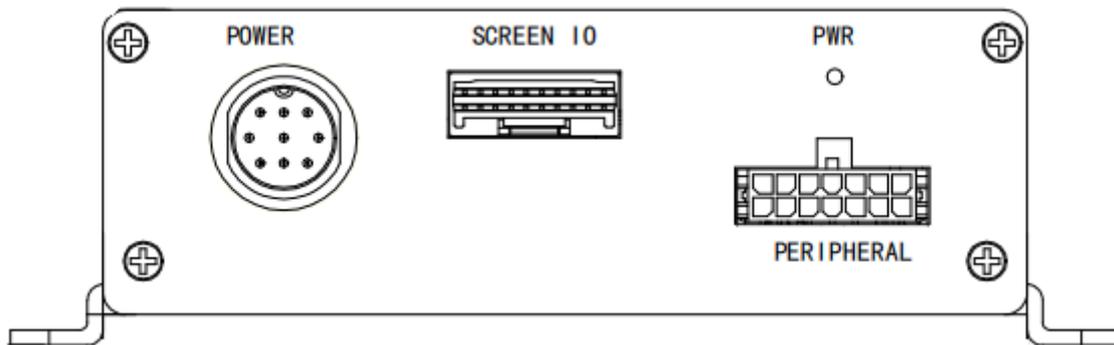
Item	Print	Description
1	Power icon	Power on/Power off
2	USB icon	Connect USB device
3	SD card icon	SD card slot
4	SIM card icon	SIM card slot
5	Speaker Button	Add Volume
6	Speaker Button	Reduce Volume
7	Brightness Button	Add screen Brightness
8	Brightness Button	Reduce screen Brightness
9	Alarm Button	Alarm

DataHub



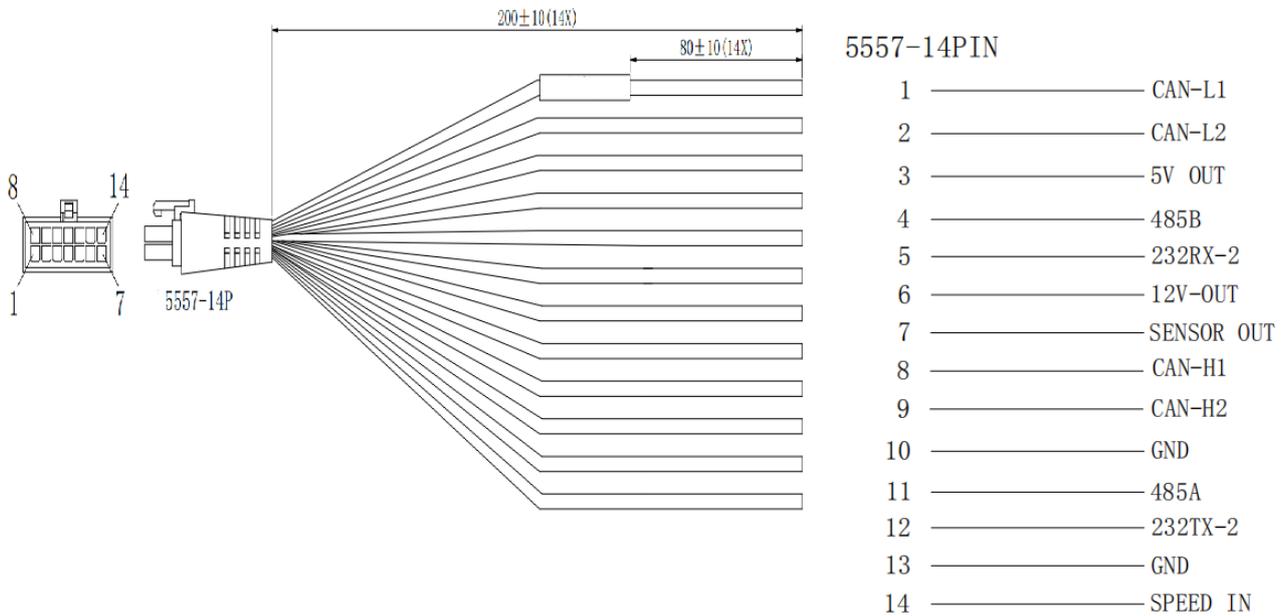
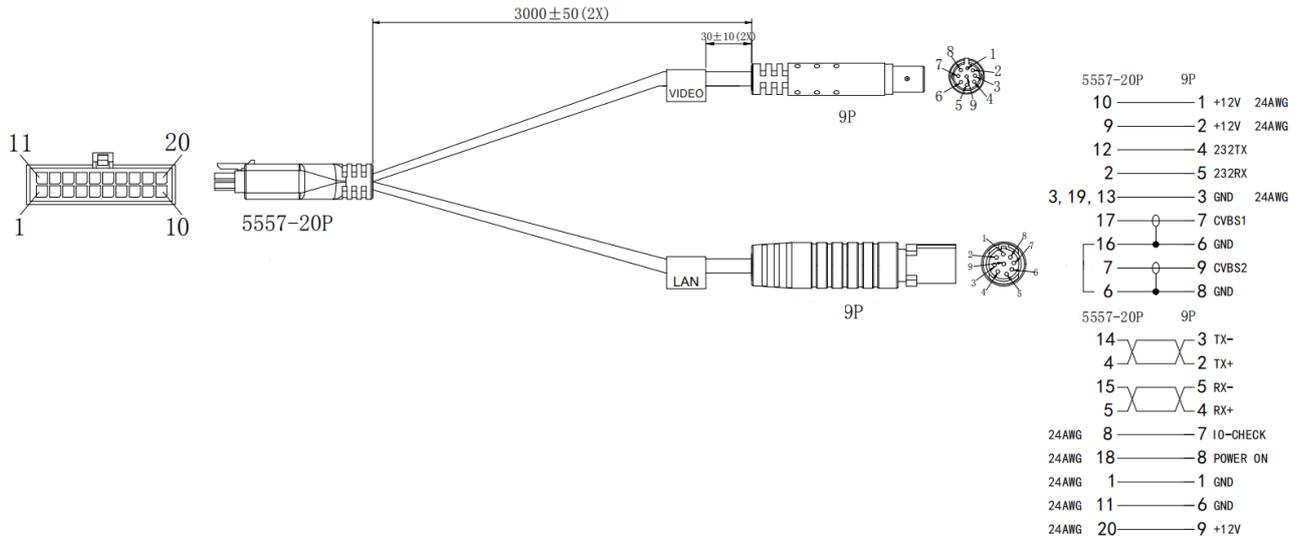
Item	Print	Description
1	CAM1-4	AHD camera input,PON
2	IPC1-2	IPC camera input,PON

Rear Panel



Item	Print	Description
1	POWER	DC8-36V power input
2	Screen IO	Connect to Smart Pad
3	PERIPHERAL	Serial port, sensor, pulse port
4	PWR	Power indicator

1.4. Cable identification



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.