



PRO 1010IP

User Manual

For more information, please visit our website www.sieraelectronics.com

1. Product characteristics

1.1 Overview

PRO 1010IP is a kind of cost-effective device designed for mobile video surveillance. Its characteristics are as follows:

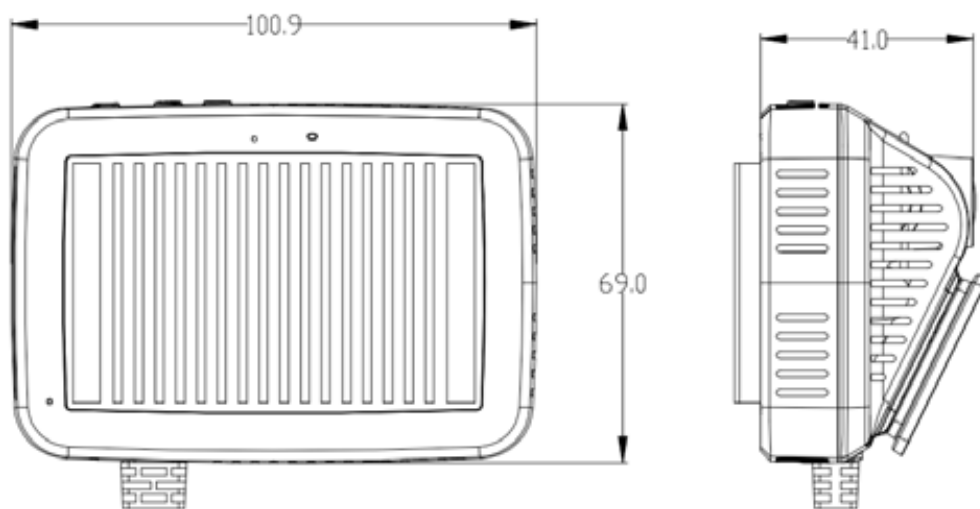
- All-in-one design, easy for installation and maintenance
- Wide angle 1ch 1080p+1ch 960P video recording and streaming
- H.264 compression
- Support 5 seconds of video if abnormal power supply or extreme accidents
- One TF card for sufficient storage, up to 256GB
- One-key click for SOS alarm and video upload
- Built-in LTE, Wi-Fi, GPS modules

Specifications:

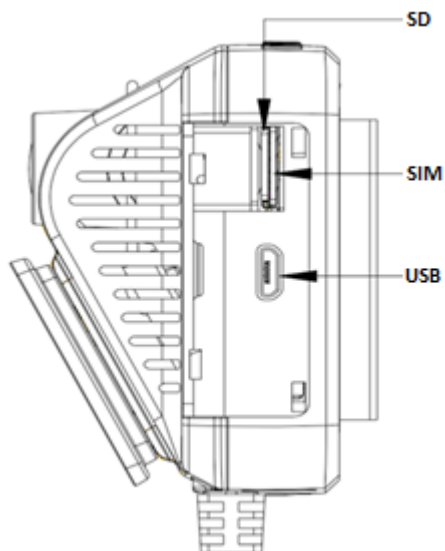
Item		Data
Operation System		Android
RAM		1 GB
ROM		8 GB
Cameras		2 ch
External Cameras		External 1MPX, Internal 2MPX
Forward Camera	Resolution	1Mpx 1280*960
	FoV (Field of view)	111 degree
	WDR	Support
Internal Camera	Resolution	2Mpx 1920*1080
	FoV (Field of view)	130 degree
	IR	IR 940nm
Storage		Support 1 TF card, 32GB/64GB/128G/256G
3G/4G		Built-in 4G module, support different bands globally
WIFI		2.4G Wifi
BT		BT 4.0
GPS		Built in GPS
G-sensor		Built in
Parlante		Built in
Micrófono		Built in
Compresor de Video		H.264
Voltaje de Entrada		12VDC

ACC Detection (Ignition)	Supported
Panic Button	Supported
Size	41*69*100.9MM
Working temperature	-20°C-70°C
Storage Temperature	-40°C-85°C
Humidity	≤93%

1.2 Dimensions (Unit: mm)



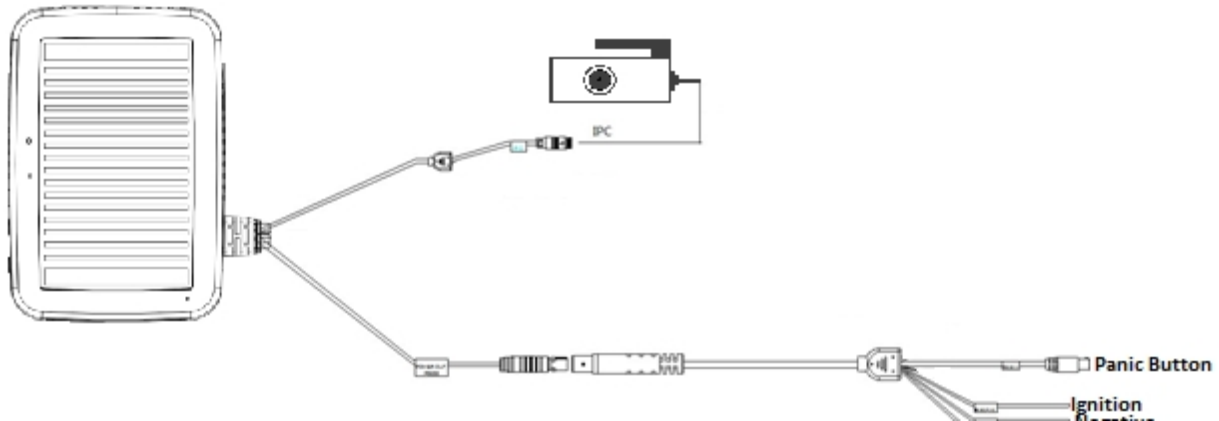
1.3 Definition



SD	SD card socket
SIM	SIM Socket
USB	Computer debugging interface (only maintenance)

2. Product Installation

2.1 Diagram



3. FAQ

1) ¿The system can't start?

- A. Check the input power, whether the power wire is connected correctly, whether the ground wire is connected back to the battery, and whether the fuse on the power wire is in good condition.
- B. Check whether the ACC signal wire input to the power is with voltage higher than 7 V.

2) ¿The device restarts uninterruptedly?

- A. Check whether the voltage of PRO1010IP is insufficient. If the voltage is less than the start-up voltage of the device, the device would always restart.
- B. The problem in hard SD card may cause the failure to start. Take off the storage part and check whether it is broken down.

3) The device can't record

- A. Check whether the storage SD is installed, whether it is in good contact, and whether the SD can be read normally in computer.
- B. Check whether the storage SD is formatted. The storage SD should be formatted before normally storing record files.
- C. Change the SD for another one.

4) ¿There is no voice in record file?

- A. Check whether there is an external pickup, or whether the camera features with the function of audio collection.
- B. Access to Video Channel Settings, check if Audio is set on.

5) ¿The GPS works abnormally?

- A. Please test the devices outside of the car. If the GPS works Ok, please reubicate the device.

6) ¿The device can't shut down in ignition switch mode?

- A. Check if the Ignition line connection mode is correct; and check whether there is voltage on Ignition line when the key is turned off.
- B. If the device has been set with schedule recording, it can't shut down if it is still during recording time of the task table.



4. WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

*** FCC statement**

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 that is received, including any 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.

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

Data and specifications subject to change without notice.

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