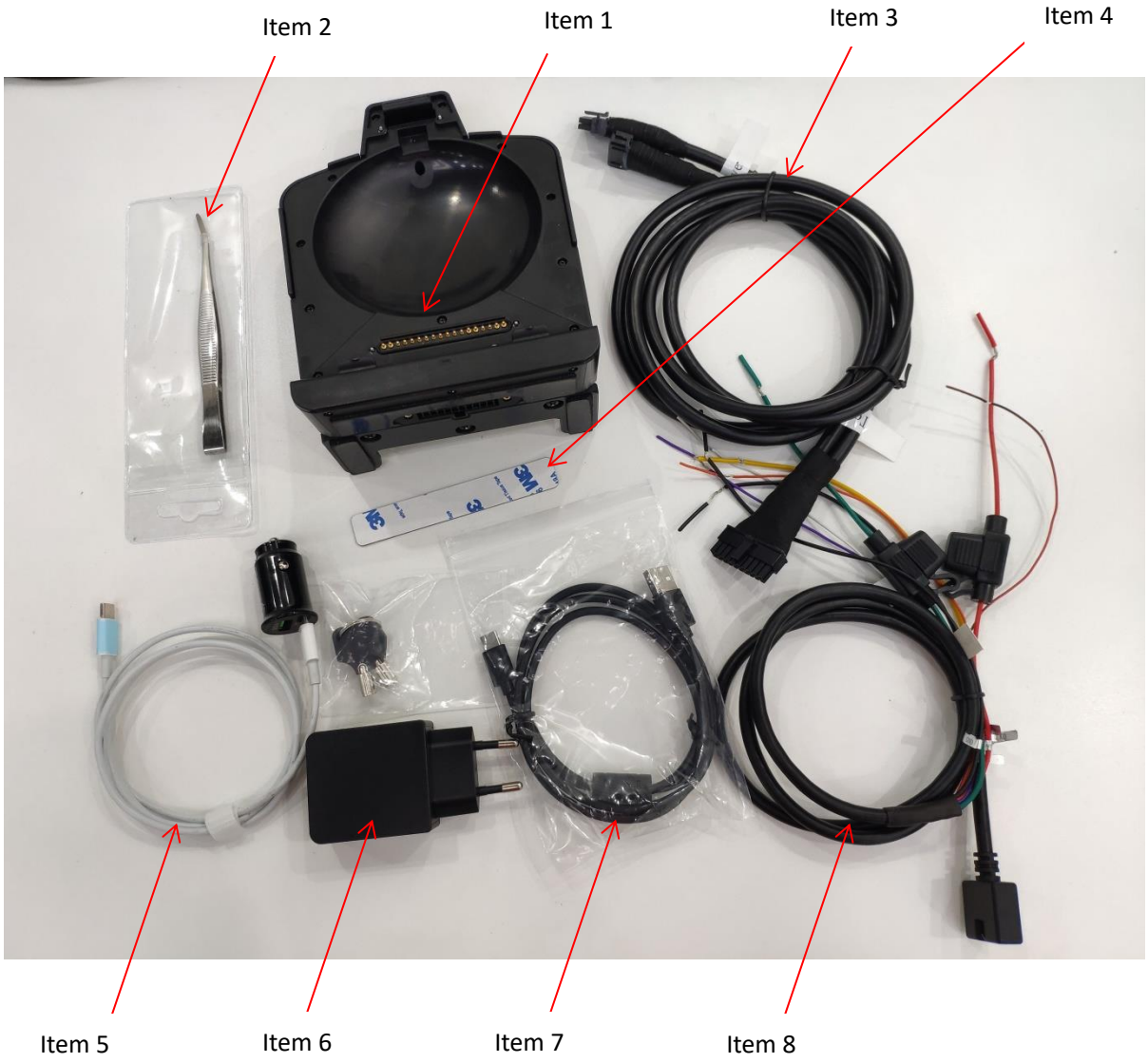
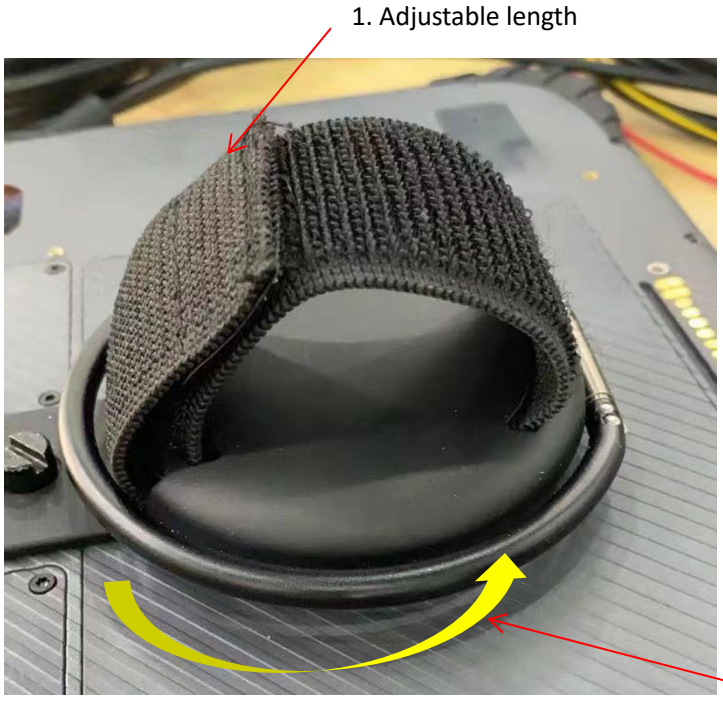
Accessories highlights



1. Vehicle cradle or desktop dock station
2. Tool for removing Nano SIM
3. Cable used for vehicle cradle, it can connect to cradle bottom side
4. tape for cradle back connector if not used
5. High power car charger (connected to back type C connector)
6. High power home adapter (the tablet may not able to charge if only use standard 5V, 2A adapter)
7. Type C cable for home adapter
8. cradle extension cable (connected to new cable for power supply)

Hand strap

1. The length can be adjusted to fit different size of hand
2. Hand strap can be rotated
3. The outside ring can be moved away for carry the tablet or as a stand



Vehicle cradle or desktop dock station

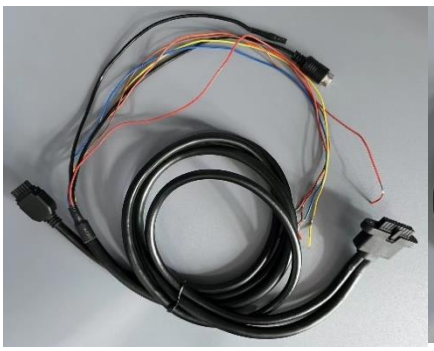
1. To be vehicle cradle

- No metal plate at the bottom

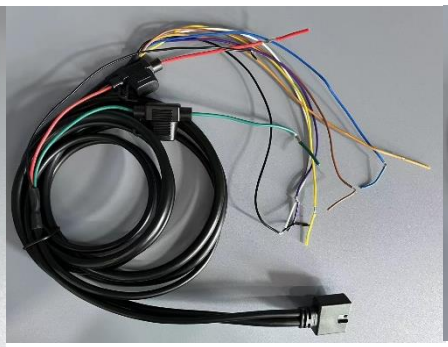
- use the molex connector at the bottom. The LAN (RJ45) connector and other connector at the back is optional. If not used, it can be closed by a plastic tape. see below

Without metal plate

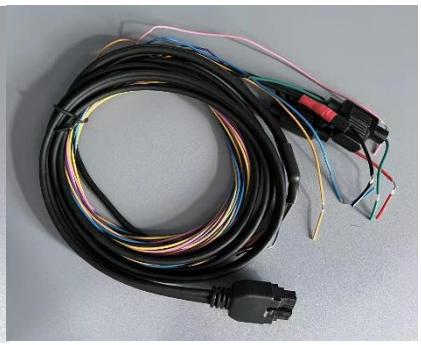
Bottom cable



Cradle cable



cradle extension cable

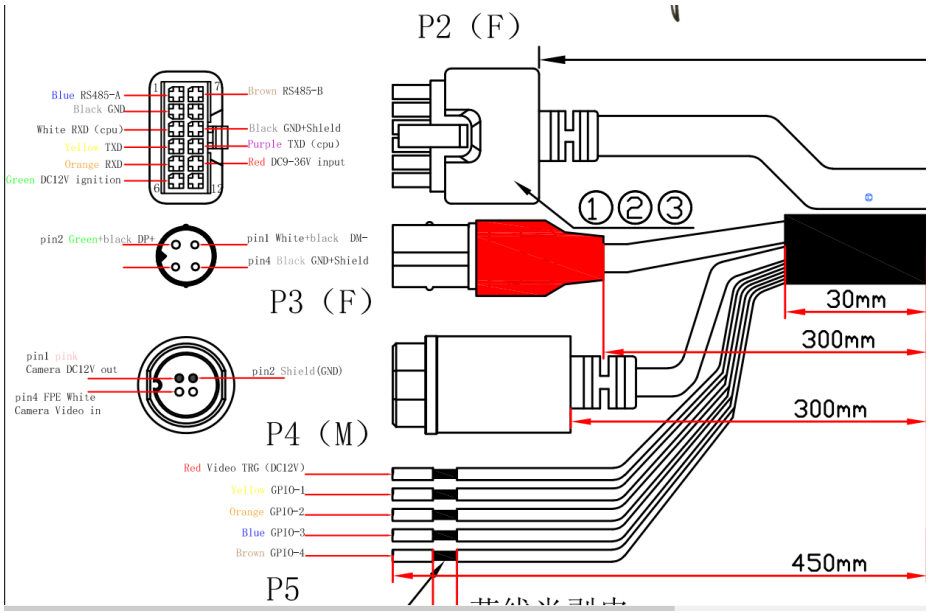


camera hub cable

Bottom cradle cable can offer below function

- vehicle Input: DC 9V to 36V, ignition control with optional switch in the cradle
- Serial port: RS485 x 1, RS232 x 2
- Support one channel video input (support AHD 720P, 1080P and Analog camera), need to remove the front camera (inform us, we will send you video)
- Support four channels video input, connect to Camera Hub by extension cable (Refer to the Camera Hub manual), with 4 trigger input
- I/O: Analog input ADC x 1, Digital input x 2, Digital output x 1

Cable Cable specification below



P2 Power and serial port connector

Pin	Definition
1	RS485-A
2	GND
3	RXD (CPU)
4	TXD (USB)
5	RXD (USB)
6	DC 12V Ignition
7	RS485-B
9	GND
10	TXD (CPU)
11	DC 9-36V input

P3 Camera Hub connector

Pin	Definition
1	DM-
2	DP+
4	GND

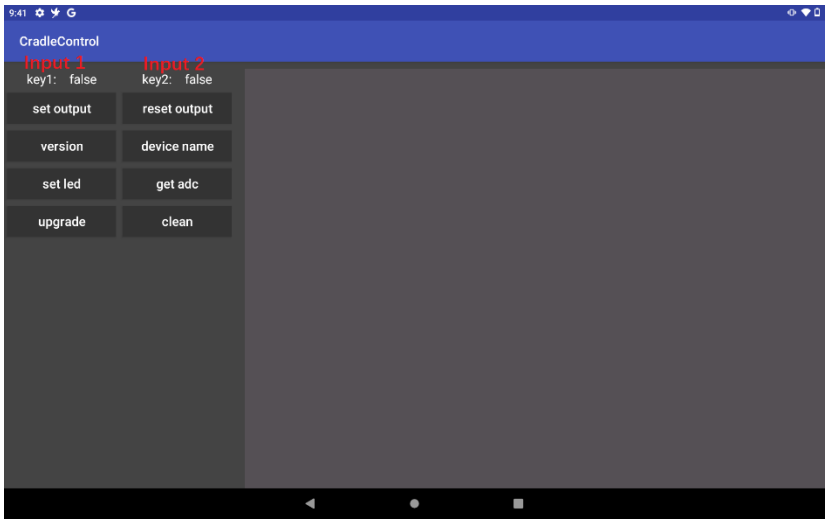
P5 GPIO Wires

Wires color	Definition
Red	Video input trriger DC12V
Yellow	GPIO-1 (Input 1)
Orange	GPIO-2 (Input 2)
Bule	GPIO-3 (output)
Brown	GPIO-4 (ADC)

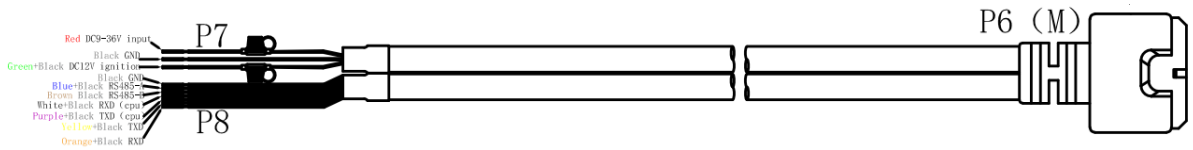
GPIO demo APK

CRD1060GPIO_demo20220419.apk and surce code link:

https://drive.google.com/file/d/1ZLEyXAlZxOo0EjTW6ks7oMGjwnLiYcrQ/view?usp=sharing



Power and serial port extension cable



P6 Connector connect to the P2 connector

P7 Connect the Vcc (red wire), ignition (green wire) and GND (black wire) to the power supply (DC9V-36V)

P8 serial port RS232 and RS485 wires

Wires color	**Definition**
White	RXD (CPU)
Purple	TXD (CPU)
Orange	RXD (USB)
Yellow	TXD (USB)
Blue	RS485-A
Brown	RS485-B

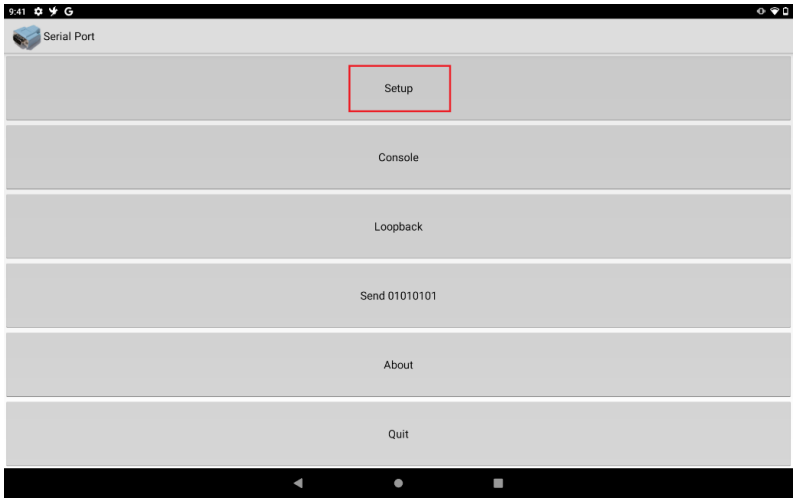
RS232 purple/white is from CPU, it's same as CTFPND-9C, it can work even no external power supply.

RS232 orange/yellow and RS485 blue/brown are converted from USB Hub and will only work if there is an external power supply.

Serial port demo APK

SerialPort_20220712.apk and surce code link:

https://drive.google.com/file/d/1Pm7TZcbzJ6jzWnTNwdlV8jliVyC1haT3/view?usp=sharing

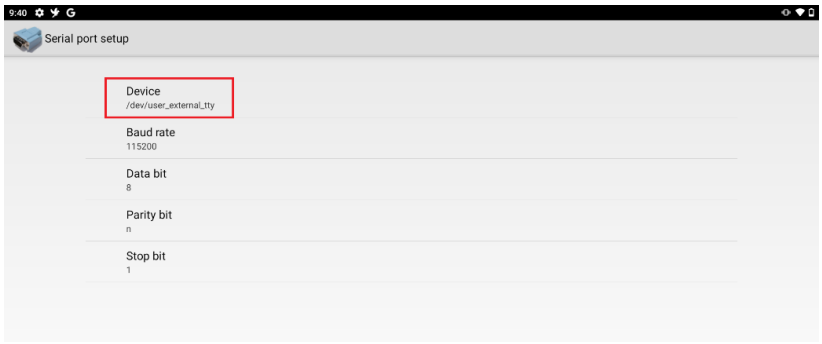


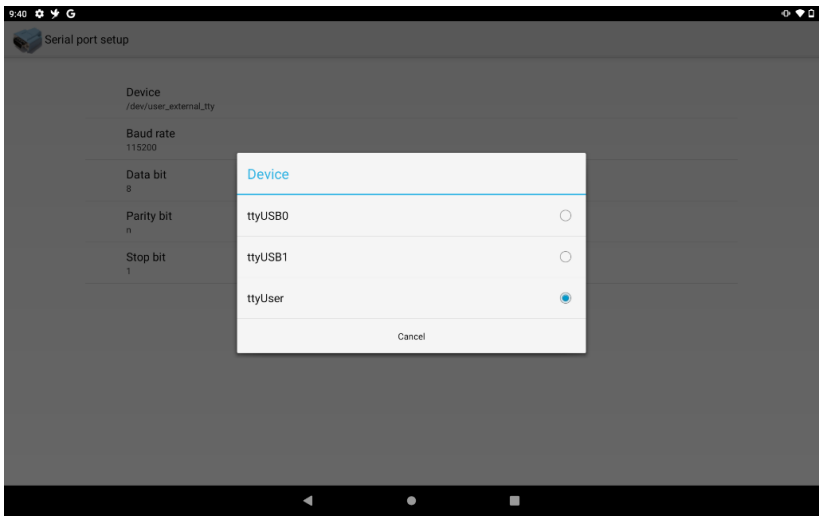
Device tty port option:

RS232 purple/white is ttyUser

RS232 orange/yellow is ttyUSB0

RS485 blue/brown is ttyUSB1





When installing in the vehicle, pls use below metal parts, it has 2 purposes

1. let the cable to the toward the back side
2. it can use for supporting as the device is quite heavy. It will not shake even the car has vibration.

There are few options. If there are supporting at the bottom or at the back (with angle), you can make different installation (see below 2 video)

It can be changed the length from 50mm to 80mm

https://drive.google.com/file/d/1ybp_Ji3AL1t94PQ_KVtJO9mk_J8UiY8Q/view?usp=sharing
https://drive.google.com/file/d/1etWxYVJcbXDs8J-GP0dq8IVuBiYc0t3S/view?usp=sharing

Can be stick plastic plate to close all connector if not used

2. To be desktop dock station

- Metal plate at the bottom
- Mainly use the connector (type C for charging) at the back. pls note that the adapter need to be high power (use the one we included pls)