

## RT810 Specification



### Physical Parameter RT810

|                            |                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Size</b>                | 166mm(L)×77.5mm(W)×22mm(D)                                                                                       |
| <b>Weight</b>              | <500g                                                                                                            |
| <b>Display screen</b>      | 4.5 inch IPS 480 * 854 PX with Multi-point touch capacitive screen.                                              |
| <b>Expand port</b>         | PSAM x 2 ( optional ) 、 Micro SIM x 1 、 POGO Pin x 1、 Micro SD(TF) card x1                                       |
| <b>Interface</b>           | Type-C, USB x 1                                                                                                  |
| <b>Battery capacity</b>    | Rechargeable Li-polymer Battery 3.8V 4200mAh. RTC battery keeps time not lost.                                   |
| <b>Audio</b>               | Speaker(mono)x1, Microphonex1, headphonex1                                                                       |
| <b>Flashlight</b>          | Compatible with flashlight and electric torch.                                                                   |
| <b>Acceleration sensor</b> | 1、 3-Axis 2、 Sampling can be adjusted per second, such as 1~100 times.                                           |
| <b>Basic function</b>      | 1、 Motor*1 2、 color lamp*2 3、 Optical sensor support<br>4、 The flashlight brightness is the same as camera flash |
| <b>Key</b>                 | 29 Silicon key,Support touch screen soft keyboard and physical keyboard.                                         |

## Performance Parameter

|                      |                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------|
| <b>OS</b>            | Android 9.0                                                                                                 |
| <b>Ram/flash Rom</b> | 16G Flash ROM and 2GB RAM ( 16G Flash ROM and 2GB RAM Optional ) ,<br>Micro SD/TF card slot(Max up to 32G). |
| <b>Typewriting</b>   | English, Pinyin, five strokes, handwriting input, support soft keyboard                                     |
| <b>Language</b>      | Chinese, English,Korean,Japanese,Malay, Singaporean etc                                                     |
| <b>Camera</b>        | 8MP autofocus camera with flash                                                                             |
| <b>GPS</b>           | Support GPS or AGPS                                                                                         |
| <b>NFC(Optional)</b> | Support 13.56MHz; ISO1443A/B、15693; read distance is 2cm-5cm                                                |

## Data Communication

|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| <b>WI-FI</b>     | Support IEEE802.11a/b/g/n, it need effective wireless LAN signal cover |
| <b>4G</b>        | FDD-LTE ( B1/B2/B3/B5/B7/B8/B20 ) TDD-LTE ( B40 )                      |
| <b>3G</b>        | WCDMA ( 850/900/1900/2100MHz )                                         |
| <b>2G</b>        | GSM ( 850/900/1800/1900MHz )                                           |
| <b>Bluetooth</b> | Support 2.0+EDR/3.0+HS/4.0+HS Transmission distance is 5-10m           |

## Scanner engine(Optional)

|                                    |                                                                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1D Laser scanner (optional)</b> | Minde SE966 / Newland EM1300(CCD)/Honeywell 4313                                                                                              |
|                                    | Support Code128,EAN-13,EAN-8,Code39,UPC-A,UPC-E,Codaber, Interleaved 2 of 5,China post 25,ISBN/ISSN,Code93,UCC/EAN-128, GS1 Databar,HIBC,etc. |
| <b>2D CMOS scanner (optional)</b>  | Newland EM3090 / Newland EM6601/ Honeywell N6603                                                                                              |
|                                    | Support PDF417,MicroPDF417,GS1 Composite,Aztec Code,Data Matrix,QR Code,Micro QR Code,MaxiCode,Hanxin Code,etc.                               |

## User Environment IP66 sealing

|                             |                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Standby current</b>      | ≤10mA, Target : no more than 8mA。                                                                           |
| <b>Temperature</b>          | -20℃ to 55℃                                                                                                 |
| <b>Storage</b>              | -25℃ to 70℃                                                                                                 |
| <b>Environment Humidity</b> | 5%RH--95%RH(no condensation)                                                                                |
| <b>Drop specification</b>   | 6 sides can bear impact from 1.5m drop to cement floor about 30 times in the range of operating temperature |

## Product certification

|                             |                                                         |
|-----------------------------|---------------------------------------------------------|
| <b>IP rating</b>            | IP66                                                    |
| <b>Safety specification</b> | IEC2 /FDA II grade,conform IEC60825-/EN60825-1 standard |
| <b>Working life</b>         | No less than 5 years                                    |