

# 1000 NIT HD DISPLAY FULLY SUNLIGHT READABLE BPR-70 II P

BPR-70IIP mobile IOT terminal, tough appearance, is with 7" industrial-grade, 1000 cd/m2 full-view display, toughened glass TP, and also aero-grade titanium alloy material frame. It meets MIL-STD-810G/Method 516.6/Procedure IV and military standard. And it can withstand up to a 1.8m drop and 2 ton shock pressure test. While, it also comes with a suite of integrated features, which is high integration, high-performance, high-reliability, high-flexibility. Also it goes with a long-life 10000mAh battery, sunlight-readable, and operating under extreme low temperature.



**4G**  
full Netcom



**10000mAh**  
Safety Battery



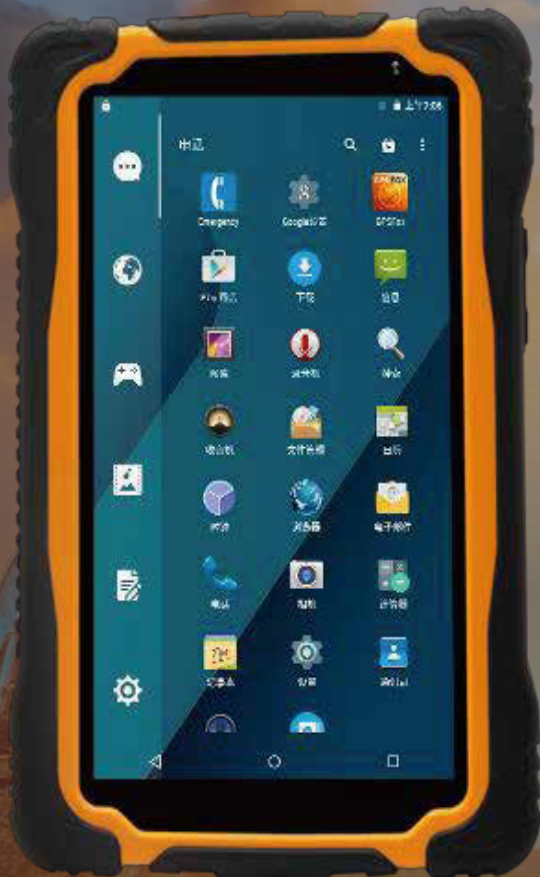
**1.8m**  
Drop-proof



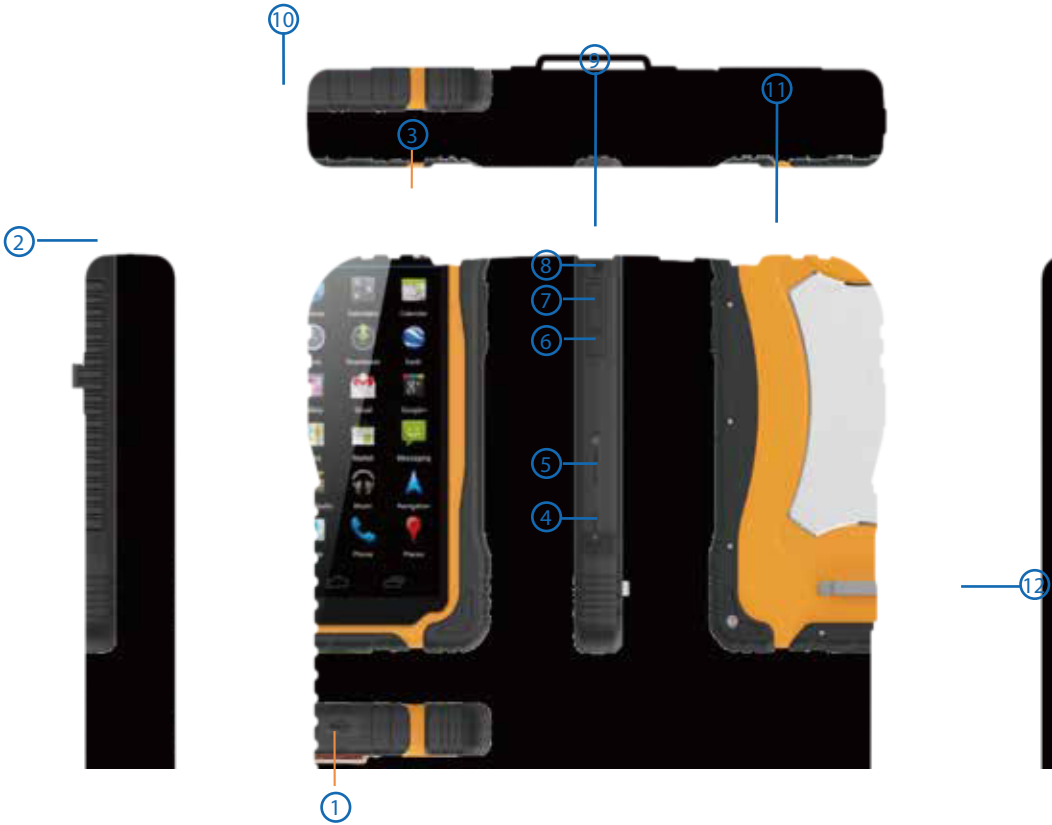
**5M/13M**  
Camera



**GNSS**  
GPS+Beidou+Glonass



PRODUCT TYPES



## SPECIFICATIONS

| Hardware              |                                                                                | Communications & Networking     |                                                                                                                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                   | ARM Cortex 2.4GHz Deca-core                                                    | Phone Call                      | GSM /WCDMA/TD-SCDMA/CDMA 1X/VoLTE                                                                                                                                                                                                          |
| GPU                   | Mali-T880                                                                      | 2G                              | GSM/CDMA 1X/EDGE/GPRS/WAP                                                                                                                                                                                                                  |
| RAM                   | 6GB LPDDR3                                                                     | 2G Band                         | GSM ( B2/3/5/8 )                                                                                                                                                                                                                           |
| Internal Memory       | 128GB ROM                                                                      | 3G                              | WCDMA 3.75G (HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps),TD-SCDMA, EVDO                                                                                                                                                                              |
| External Memory       | Micro SD card ( T-FLASH card), max 128GB                                       | 3G Band                         | WCDMA ( B1/2/5/8 ) , TDSCDMA ( B34/39 ) ,Evdo: BC0/BC1 CDMA: BC0/BC1                                                                                                                                                                       |
| Main Camera           | 13.0MP(AF) with flash led                                                      | 4G                              | FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps , 50Mbps uplink                                                                                                                                                                                  |
| Sub Camera            | 5.0MP                                                                          | 4G Band                         | TD-LTE ( B38/39/40/41 ) ; FDD LTE ( B1/2/3/4/5/7/20)                                                                                                                                                                                       |
| Battery               | 10000mAh                                                                       | Wi-Fi                           | Dual-band (2.4GHz/5Ghz) single stream 802.11 a/b/g/n MAC/BB/RF                                                                                                                                                                             |
| Display               | 7 inch IPS/AFFS 720*1280 HD industrial 1000nit Sunlight Readable               | Bluetooth                       | BT v2.1+EDR/BT 3.0+HS compliance/ Bluetooth v4.0 Low Energy (LE)                                                                                                                                                                           |
| Touch Panel           | Capacitive/toughened glass 9H support glove touch/spray/Active capacitance pen |                                 |                                                                                                                                                                                                                                            |
| IO/Sensor/Navigation  |                                                                                | Industrial & Reliability Design |                                                                                                                                                                                                                                            |
| SIM Card              | 1.8/3.3V SIM card                                                              | Shake-proof                     | 1-19Hz/1.0mm; 19-200Hz/1.0g                                                                                                                                                                                                                |
| TF Card               | Micro SD card ( T-FLASH card) ;max 128GB                                       | Dropproof /IK                   | MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05                                                                                                                                                                                   |
| Headphone             | 3.5mm (CTIA )                                                                  | Waterproof                      | Class 7 ( IEC 60529 )                                                                                                                                                                                                                      |
| Data interface        | USB Type-c 24pin support OTG                                                   | Dustproof                       | Class 6 ( IEC 60529 )                                                                                                                                                                                                                      |
| UART ( optional )     | UART TTL3.3 X2 onboard                                                         | Reliability                     | MTBF>5000h ; MTTR<0.5h                                                                                                                                                                                                                     |
| Direction Sensor      | Support                                                                        | Operating temperature           | -20°C to 55°C                                                                                                                                                                                                                              |
| Gravity sensor        | Support                                                                        | Storage Temperature             | -40°C to 80°C                                                                                                                                                                                                                              |
| Magnetic Field Sensor | Support                                                                        | RH                              | 5% to 95%                                                                                                                                                                                                                                  |
| Motion sensor         | Support                                                                        | Operating Altitude              | Max: 4,500 m ( 15,000 feet )                                                                                                                                                                                                               |
| Rotation Vector       | Support                                                                        | Certification/OS/Software       |                                                                                                                                                                                                                                            |
| Light-sensor          | Support                                                                        | Certification                   | MA/3C/FCC/CE/ROHS/ATEX/IP67 ( IEC 60529 )                                                                                                                                                                                                  |
| Acceleration sensor   | Support                                                                        | Language                        | English, Spanish, Portuguese (Brazil), Portuguese (Portugal), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified , Chinese,Chinese Traditional,etc |
| Charger               | 5.0V 2A-10W                                                                    | OS                              | Android 6.0/8.1 UP                                                                                                                                                                                                                         |
| Navigation            | GPS+Glonass+Beidou+AGPS                                                        | Package/Warranty terms/OEM      |                                                                                                                                                                                                                                            |
| Appearance            |                                                                                | Warranty                        | 24 months                                                                                                                                                                                                                                  |
| Size                  | 200*132*21mm ( LxWxH )                                                         | OEM/ODM                         | Support                                                                                                                                                                                                                                    |
| Weight                | 660g                                                                           | Package                         | USB cablex1, charger 5V 2.1Ax1,user guide x1,tool bag x1,screen protectorx1                                                                                                                                                                |
| Color & Material      | Black&yellow Black&green Black&Gray                                            | Option                          |                                                                                                                                                                                                                                            |
|                       |                                                                                | Display                         | 7 inch IPS/AFFS 1920*1200 FHD industrial 500nit Sunlight Readable                                                                                                                                                                          |

OPTIONAL MODULES & ACCESSORIES



( RFID Tag )

RFID

RFID Reader  
Optional LF HF UHF

**125K LF RFID Module**  
support : ID card (8H-10D) EM4100,4001,TK4100, EM4305  
Read distance 2-5cm  
(optional HID card support)

**13.56M HF RFID Module**  
13.56M HF support ISO14443A/B/ISO15693 readable/data transmission/ Card Emulation/encryption/authentication  
Read distance 2-5cm

**134K LF RFID Module**  
Operation Frequency: 134.2kHz  
support agreement: ISO11784/5  
Read distance >5cm  
Working mode: FDX-B (full-duplex communication)

**UHF RFID Module/antenna**  
Air interface protocol: EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C  
Operating spectrum range: 902Mhz – 928Mhz  
865MHz – 868MHz(Optional)  
Output range:0-26 dBm  
Output accuracy: +/- 1dB  
Output power level: +/- 0.2dB  
The label is sensitive and stable  
Read distance : 1.5-2m (standard test card E41)

\*\*The RFID module only supports one of the optional