











| OS | Android 7.1 | • |
|----------------------------------------|----------------------------------------------------------------------------------------|-----------------------|
| CPU | 32-bit ARM Cortex A7 Quad-Core, 1.1GHz + Secure processor | • |
| Memory | 1GB RAM, 8GB Flash | • |
| | 2GB RAM, 16G Flash | Optional |
| | MicroSD card | Optional (up to 32GB) |
| Display | 5-inch TFT full color LCD display, resolution of 1280 x 720, | |
| | capacitive multi-touch screen, support electronic signature | • |
| Wireless Communication | 4G / 3G / 2G | • |
| | WIFI(802.11 a/b/g/n), Bluetooth 2.1/4.1 | • |
| Positioning | GPS, GLONASS, BEIDOU | • |
| Magnetic Card Reader | Triple track, bi-directional, conforming to ISO 7810/7811/7813 | • |
| Smart Card Reader | EMV L1/L2, conforming to ISO 7816, 1.8V/3V/ 5V, synchronous & asynchronous, T=0 | & T=1 ● |
| Contactless Card Reader | EMV Contactless L1, conforming to ISO 14443 Type A/B, Mifare , Felica | • |
| Camera | Professional 1D/2D code recognition module | • |
| | 5 MP autofocus rear camera with flashlight, support 1D/2D code payment | • |
| Audio | 1 x Speaker, 1 x Microphone, support audio recording and media play | • |
| Keypad | Secure virtual keypad for PIN entry, 1 x Power button, 2 x function keys | • |
| Peripheral Ports | 1 x Micro USB (OTG) | • |
| Card Slots | 2 x SIM, 1 x SAM | • |
| | 1 x SIM, 2 x SAM | Optional |
| Battery | Li-ion battery, 3.7V/3800mAh/14.1Wh | • |
| Power Supply | Input: 100-240V AC 50/60Hz, 0.3A | |
| | Output: 5.0V DC, 1.0A | • |
| Docking Station | Charging and Scanning base | Optional |
| Dimensions | 156.2mm (L) x 73.7mm (W) x 20.3mm (H) | • |
| Weight | 270g including battery | • |
| Environment | Operating temperature: 0°C~40°C (32°F~104°F) | • |
| | Storage temperature: -20°C∼60°C (-4°F~140°F) | • |
| | Relative humidity: 5%~93% (Non-condensing) | • |
| Certifications $^{	ext{$^{	ext{$}}$}}$ | PCI PTS 5.x, EMV L1/L2, EMV Contactless L1, PayPass,payWave, American ExpressPay, | |
| | Discover D-PAS,UnionPay QuickPass,TQM,CE, RoHS | • |
| | ① Please contact Newland NPT sales representative for the latest certification status. | |



Dedicated scan button, one touch to launch 1D/2D code recognition.



Professional scan engine, introducing the superior scanning experience.



Optional docking station with charging capability and scan window



