

U2000

UNATTENDED ANDROID
SMARTPOS DEVICE



- Unparalleled performance
- Multiple connection options
- Superior reliability in the toughest environments



VENDING MACHINE



TICKETING



PARKING



GAS STATION



EV-CHARGING STATION

OS	Android 12	●
Processor	AP: Cortex Quad-core A53, 2.0GHz SP: Cortex-M3 security core	●
Memory	2GB RAM, 16GB FLASH MicroSD card slot up to 256GB	●
Display	5-inch IPS full color LCD display, resolution of 720 x 1280, with adjustable backlight, capacitive multi-touch screen, support electronic signature	●
Wired Communication	Ethernet 10/100 Base T	●
Wireless Communication	4G / 3G / 2G Wi-Fi (802.11 a/b/g/n/ac) 2.4G&5G Bluetooth 5.0	●
Positioning	GPS, GLONASS, GALILEO, QZSS, 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, HCE	●
Camera	2 MP FF front camera, support 1D/2D code payment 2 MP FF QR camera, support 1D/2D code payment	●
Audio	1 x Speaker	●
Keypad	Secure virtual keypad for PIN entry, 2 x buttons on the back	●
Peripheral Ports	1 x 3.5mm Audio Jack, 1 x USB-A (Host), 1 x LAN (RJ45), 2 x RS232 (RJ45), 1 x MDB-M&EXE (Suport 2 x Pulse), 1 x MDB Slave, 1 x USB Type-C (Slave) (used for downloading only)	●
Card Slots	2 x SAM 2 x SIM	●
Power Supply	MDB-S/RS232-A/MDB-M&EXE: 12V-48V DC, MDB-M&EXE: support 24V AC	●
Environment Proof	IK10, IP65	●
Sensor	Light Sensor Microwave Radar Sensor	Optional ●
LCD Heating Module	Low temperature heating design for cold weather operation (Terminal can operate at -30°C when LCD heating design is enabled.)	Optional
Anti-removal	Back anti-removal design	Optional
Dimensions	151.5mm (L) x 94mm (W) x 51.4mm (H)	●
Weight	520.7g	●
Dimensions and weight may vary slightly depending on the module configuration		
Environment	Operating Temperature: -20°C~70°C (-4°F~158°F), without LCD Heating Design Storage Temperature: -30°C~70°C (-22°F~158°F) Relative Humidity: 5%~95% (Non-condensing)	●
Certifications	PCI PTS 6.x, EMV L1/L2, EMV Contactless L1, PayPass, payWave, American ExpressPay, Discover D-PAS, UnionPay QuickPass, JCB, TQM, ISED, ATEX, CE, RoHS, CommSECC, Felica, MIC, FCC, RNIB	●
Please contact Newland NPT sales to obtain the latest and detailed certification information		



Adaptive brightness for all conditions.



Seamless customer interaction.



Smooth transaction flow.



Newland Payment Technology

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Please be aware that all features and specifications are subject to
change without prior notice.

