

# 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-M4F security core	●
Memory	2GB RAM, 16GB FLASH Micro SD card slot up to 256GB	●
Display	5-inch, resolution of 720*1280, capacitive multi-touch screen, anti-fingerprint(AF), anti-glare (AG), support operation with glove	●
Wired Communication	Ethernet 10/100 Base - T	●
Wireless Communication	4G / 3G / 2G WIFI (802.11 a/b/g/n/ac) 2.4G&5G, Bluetooth 2.1/5.0	●
Positioning	GPS, GLONASS, BEIDOU, GALILEO, QZSS	●
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	2MP front camera , support 1D/2D code payment 2MP QR camera, support 1D/2D code payment	●
Audio	1 x Speaker	●
Keypad	Secure virtual keypad for PIN entry, 2 x buttons on the back	●
Water & Dust Proof	IK10, IP65	●
Peripheral Ports	1 x USB Type-A (Host); 1 x USB Type-C (Slave) (used for downloading only); 2 x RS232 (RJ45); 1 x LAN (RJ45) ; 1 x MDB Master & Executive ; 1 x MDB Slave ; 1 x 3.5mm audio jack; 1 x SMA (4G)	●
Card Slots	2 x SAM 2 x SIM	●
Sensor	Light sensor Microwave radar sensor	●
Anti-demolition	Back anti-demolition design	Optional
Power Supply	MDB port/RS232-A/MDB-M&EXE: 12V-48V DC MDB-M&EXE: support 24V AC	●
Dimensions	151.5mm (L) * 94mm (W) * 51.4mm (H)	●
Weight	520.7g	●
LCD heating module	Low temperature heating design for cold weather operation	Optional
Environment	Operating temperature: -20°C~+70°C (-4°F~158°F) Storage temperature: -30°C~+70°C (-22°F~158°F) Relative humidity: 5%~95% (Non-condensing)	●
Certifications <sup>①</sup>	EMV L1, EMV CL1, TQM, PCI 6.X, EMV L2, D-PAS, AMEX, QuickPass, PayPass, PayWave, RoHS, CE, ATEX, FeliCa, JCB, TQM	●
① Please contact Newland NPT sales representative for the latest certification status.		



Adaptive brightness for all conditions.



Seamless customer interaction.



Smooth transaction flow.



## Newland Payment Technology

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change without prior notice.

