Newland AIDC
SCANNING MADE SIMPLE

1D & 2D
Android 7.1
Touchscreen
WIFI
4G
NFC
Bluetooth 4.1
GPS
Camera
Receipt printer
5200 mAh
USB-C
USB
Warranty 2 Years



WP188 Smart POS terminal

Wannapay

Features

Ensure customer loyalty, secure payment and printed receipt applications all within the palm of your hand with this smart Android POS terminal.





Suggested industries

Retail

WP188 Smart POS terminal Technical specifications

Performance	
Algorithms	RSA/DES
Operating System	Custom Security System, based on Android 7.1
Processor	Qualcomm MSM8909, 32-bit quad-core processor, 1.1GHz Maxim MAX32560, 32-bit security processor, 108MHz
Memory RAM	1GB
Memory Flash	8GB
Memory Storage Expansion (max.)	Supports TF Card to extend storage up to 32GB
Physical	
Audio	Built-in speaker, 0.5W, sound pressure 82dB±3dB
Battery Type	Lithium Ion battery, 3.7V/5200mAh (Sanyo brand cell, Typical Value)
Buttons	Physical buttons: power button, volume +, volume -
Camera	2MP fixed focus front camera, 5MP autofocus rear camera with flash
Display	5.0-inch 720*1280 pixels LCD, capacitive multi-touch screen
Interfaces	1 USB Type-C interface, 1 USB base contact interface
Keypad	Built-in randomized virtual keypad for PIN entry
Notifications	4 color indicators: blue, yellow, green, red
Picture	High-speed thermal printer, Print speed: 67.5mm/s Paper roll 58±0.5mm width, diameter 40mm
Power Supply Input	100-240V~50/60Hz 250mA
Power Supply Output	5.0V = 2A (PSE certificate with Japan brand capacitor)
SIM/TF	1 SIM card slot
Wireless	
WWAN RADIO	4G FDD-LTE (with Rx-diversity): B1/B3/B5/B8/B18/B19/B26/B29B, 4G TDD-LTE (with Rx-diversity): B41, 3G WCDMA: B1/B5/B8/B19
WLAN RADIO	802.11 b/g/n, 2.4 GHz, with AP mode
WPAN RADIO	Bluetooth 4.1, BLE
GPS	GPS/GLONASS/BeiDou/Compass/Galileo
Environmental	
Operating Temperature	-10° C to 50° C

Newland AIDC EMEA

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WP188 Smart POS terminal Technical specifications

Storage Temperature	-20° C to 80° C
Humidity	10% ~ 95% RH (non-condensing)

Payment

Contact smart card reader	1 user card slot, 1.8V, 3V and 5V, ISO 7816-3-ID-1 (full size), ISO/IEC7816, T=0 and T=1 protocol, Class A, B, C cards, 500K reads lifespan
Contactless smart card reader	Build-in antenna, ISO/IEC 14443 Type A&B, Mifare Protocol, Felica Protocol Smart Card Clock Frequency: 13.56MHz
PSAM card reader	2 PSAM card slots, ISO7816

Certifications

Software	PCI5.0 certification, EMV contact L1&L2, EMV contactless L1&L2, PBOC3.0 contact L1&L2, PBOC3.0 contactless L1&L2, PBOC certification, Paypass, Paywave

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