



Y200 -The smallest POS ever

Unique - Powerful - Disruptive



Bluetooth Low Energy
Ensures smooth device pairing with your smartphone BLE 4.2 – Android & iOS SDK



QR Code
SmartMatrix technology to display digital receipts and payment coupons.



USB-C port
Fast and convenient charging through your PC or Power supply. 50% charge in just 1 hour.



4G LTE (Optional)
Low battery consumption while providing deep indoor coverage 4G Cat M1/ Cat NB2, 2G EGPRS



Faster Wi-Fi
Wi-Fi 4 (802.11n) for a fast connection up to 70m indoor and 250m outdoor. Wi-Fi: 802.11 b/g/n/e/i (up-to 150 Mbps), 2.4 GHz



Nano SIM (Optional)
Connects to your favorite mobile network



Compassion. Innovation. Trust.

Y200 Tech Specs



Crypto processor

YTSEC with PCI system-on-Chip technology FreeRTOS operating system 160 k RAM and 512 k Flash memory Y200 TMS (firmware & EMV parameters update)

OS

FreeRTOS

Mobile OS

Android, iOS and Windows on demand

Memory

QUALCOMM RAM below 3MB, FLASH below 3MB

QR Code

SmartMatrix technology to display digital receipts and payment coupons. 120 x 120 resolution

Display

2.4-inch (diagonal), 320 x 240 pixels 65535 colours, Colour STN Capacitive touch keypad (24 active areas) QR Code - high resolution

Payment

QUALCOMM application processor 3MB RAM and 3MB FLASH memory Payment application embedded in processor

Keyboard

Keypad: Capacitive Touch (24 active areas), ON/OFF button

Wi-Fi

Wi-Fi 4 for a fast connection up to 70m indoor and 250m outdoor Wi-Fi 802.11 b/g/n/e/i (up to 150 Mbps); 2.4GHz

SIM

1 Nano SIM Connects to your favourite mobile network.

4G LTE

Low battery consumption while providing deep indoor coverage. 2G fallback. 4G Cat M1/Cat NB2, 2G EGPRS

Card reader

Embedded Contactless Reader, 4 Leds, ISO 14443 A/B & NFC Support Smart card ISO7816 3V, 1.8V cards, EMV L1 & L2 Audio buzzer

Contactless Card

Embedded Contactless Reader ISO 14443 A/B & NFC Support

Certification

PCI-PTS V5.1 (SRED), CE, Anatel EMVCo, EMV L1 / L2 Contact & Contactless Paywave, PayPass, Expresspay, D-Pass

All-day battery life

450 mAh LiOn battery rechargeable via USB Over 200 transactions in a charge

Dimensions

74 x 74 x 20 mm (2.9" x 2.9" x .8")

Weight

100 g (3.53 oz) ultra lightweight

Environment

Storage temperature -20°C to +35°C Operating humidity 85% RH at +40°C Operating temperature -0°C to 40°C when charging, -10°C to +50°C if not charging

1. The usable memory may be less than the installed memory.
2. All specifications are subject to change without (prior) notice.