

Exceptional Performance

The IM20 has a high performance ARM A7 processor, abundant memory capacity and operates smoothly with a Prolin operating system.

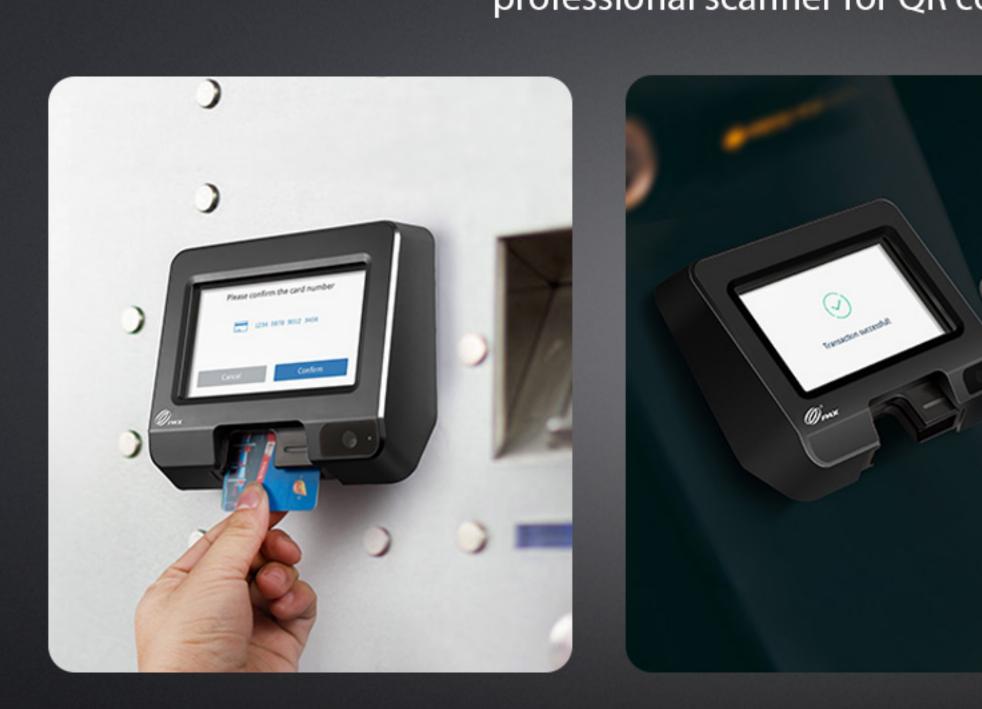


Large Display

The 4.3-inch color touchscreen with 480 x 272 pixels delivers stunning viewing experience.

Accept All Kinds of Payments

The payment module supports Chip & PINs, magstripe NFC contactless, and has a professional scanner for QR code payments.





PCI PTC 5.x certified | EMV LI & L2 | PayWave L2 | PayPass L2 | MasterCard TQM | FCC

Communication Box

Add a communication box, CM20, for better connectivity: (Ethernet/4G/3G) and connectivity (USB/RS232).



Scenarios

(pictures) Vending machine, kiosk, gas station, ticketing, drive-thru, self-charging station.



Technical Specifications

- Display 4.3-inch TFT Color Display
 - 480 x 272 pixels Touchscreen
- ((p)) Communications Wi-Fi (2.4GHz) + Bluetooth (4.0)
- **((·)) Card Readers** Magnetic Card Reader Smart Card Reader
- Contactless Card Reader **SAM Slots**

3 x SAM

1 x MDB

- £ **Peripheral Ports** 1 x USB Device 1 x RS232
- Processor Cortex-A7
 - 5.0V DC, 2.0A (via USB) 9V-45V DC (via MDB)
 - <u>@</u> Camera

Power

- 0.3 Megapixel Fixed Focus Front
- Camera Reads 1D & 2D Codes Certifications

EMV Contactless L1,

Memory 256MB DDR + 128MB Flash

Physical

- W x H x D (mm):140 x 122 x 73 Weight (g): 491g
- Keypad Virtual Keyboard on touch screen
- βłγ Environmental -20°C ~ 70°C (-4°F ~ 158°F) Operating Temperature -30°C ~ 70°C (-22°F ~ 158°F) Storage Temperature
- Visa payWave, MasterCard payPass, American ExpressPay, MasterCard TQM, Discover D-PAS, Interac_Flash L2, J/Speedy L2, CSEC, APCA, UL, CE, FCC, Anatel, CCC, RoHs, IC

PCI PTS 5x, SRED, EMV L1 & L2,

- 5% ~ 95% Relative Humidity, Non-condensing
- **CM 20 Communication Box (Optional)**
 - **Peripheral Ports** 1 x USB Host 1 x USB Device 1 x RS232

1 x DC Jack in

1 x SIM 1 x Digital I/Os

1 x LAN

2 x SMA

- ((1)) Communications 3G/4G (optional) Wi-Fi (5GHz) (optional)
- Physical W x H x D (mm): 88 x 96 x 26 Weight (g): 204