FEITIAN

F20

Smart Financial Terminal

Android 10

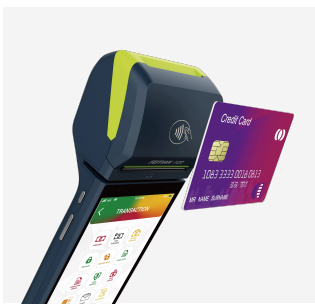4G + 3G + 2G
WiFi 2.4G/5G
BT 4.2

5.5" HD LCM
8MP + 2MP Cameras

MSR + IC + NFC + QR

PCi Security Standards Council · EMVCo APPROVED · MasterCard paypass · Visa payWave · express pay · DISCOVER · UnionPay Quick Pass · MIR · RuPay

JCB · PURE Payments · TQM · WPC WIRELESS PLANNING & COORDINATION CERTIFICATION · FC · CE · RoHS COMPLIANT · Ex · IP54

Retail   Supermarket   Restaurant   Hotel   Parking lot   Gas station

F20

Operating System	Android 10
Processor	Quad-Core, 4×1.3G, A53
Memory	RAM: 2GB /ROM: 16GB
Communications	4G (LTE-FDD/LTE-TDD) + 3G (WCDMA) + 2G (GSM/GPRS), WiFi 2.4GHz/5GHz, BT4.2 (BR/EDR+BLE)
Location	GPS, Beidou, Galileo/GLONASS
Display	5.5 inch, 1280 × 720, IPS
Cameras	Rear: 8MP AF with Flash Support Scanner 1D&2D code & QR Code Front: 2MP FF
Printer	High-speed thermal printer, Paper size: 58×40mm
Battery	7.6V/2500mAh (Equal to 3.8V/5000mAh)
Magnetic Card Reader	ISO/IEC 7811, ISO/IEC 7813, Track 1/2/3, Bi-directional swiping
IC Card Reader	ISO/IEC 7816, Conform to EMV L1/L2
NFC	13.56MHz, ISO/IEC 14443, ISO18092, Type A&B, Felica, Mifare card
Card Slot	SIM*2 + PSAM*1
Peripheral Ports	Type C*1(USB2.0, OTG)
Adapter	Input: 100-240V AC, 50/60Hz 0.35A Output: 5V DC/2.0A
Physical	212.6mm (L) × 79.1mm (W) × 51.9mm (H)
Weight	427g
Environment	Operating Temperature: -10°C ~ 50°C (14°F~122°F) Storage Temperature: -20°C ~ 70°C (-4°F~158°F) Relative Humidity: 5%-96% (Non-Condensing)
Accessories	Adapter*1, USB Cable(only charging)*1, Manual*1
Certifications	PCI, EMV L1&L2, EMV Contactless L1, Paypass, Paywave, AMEX ExpressPay, Discover, JCB, Pure, QUICS, Rupay, NSICC, TQM, RoHS, CE, BIS, WEEE, CB, WPC, BIS, DGM, UN38.3, MSDS, NTRA-VOC, GSMA, Telec&JATE, ANRT, CMC

Optional Items

Memory
RAM:1GB/ROM:8GB

Camera
Front Camera: None
Rear Camera: 5MP/FF/AF, 2MP/FF

G-sensor
Acceleration sensor

TF-Card
MicroSD (TF Max support 256GB）*1

Card Slot
SIM*1 + PSAM*2

Fingerprint
Biometric fingerprint module
(or PCBA that supports fingerprint function)

Fiscal
USB OR UART POGO PIN Connector
(Type C only charging)

USB Cable
Type C (data/damping)

Battery Options
7.6V/2750mAh (Equal to 3.8V/5500mAh)

Multi-function Battery Cover
Type-C*1, RJ45*1

Multi-function Dock Lite
Type-C*1, RJ45*1, RJ11*1, Type-A*2

Multi-function Dock
Type-C*1, RJ45*1, RJ11*1,
Type-A*2, Scanner*1

Charging Cradle
5V/2A

Type C USB to RJ 45 Adapter
100 Mbps Ethernet LAN

Screen Protector
Hydrogel film

Silicone Cover
Customized colors

POS Bracket
Desktop bracket

Cash Box
Customized, 6V/1A

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F20 Options and Accessories

F20 FP Fingerprint

FBI Certified
STQC Certified
Easy KYC & Fast On-boarding

FBI   STQC

Fingerprint	Semiconductor capacitive biometric fingerprint module
Physical	212.6mm (L) × 79.1mm (W) × 55.5mm (H)
Weight	430g

F20 Fiscal

Fiscal	USB OR UART POGO PIN Connector (Type C only charging)
Physical	212.6mm (L) × 79.1mm (W) × 51.9mm (H)
Weight	440g

Multi Dock

Scanning window
Camera window
Pogo pin

Ports	Type-C*1, RJ45*1, RJ11*1, Type-A*2, Scanner*1
Pogo Pin	8 pin
Certification	CE, RoHS

Multi Dock Lite

Pogo pin
RJ 11
RJ 45
Type C
Type A
Type A

Ports	Type-C*1, RJ45*1, RJ11*1, Type-A*2
Pogo Pin	8 pin
Certification	CE, RoHS

Charging Cradle

Type C

Input	USB Type-C 5V/2A
Pogo Pin	2 pin
Certification	CE, RoHS

Multi-function Battery Cover

RJ45   Type C

Ports	Type-C*1, RJ45*1
Pogo Pin	8 pin
Certification	CE, RoHS

Bracket
Rotatable

Screen Protector
Hydrogel film

Silicone Cover
Customized colors

Type C to RJ 45 Adapter
100 Mbps Ethernet LAN

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