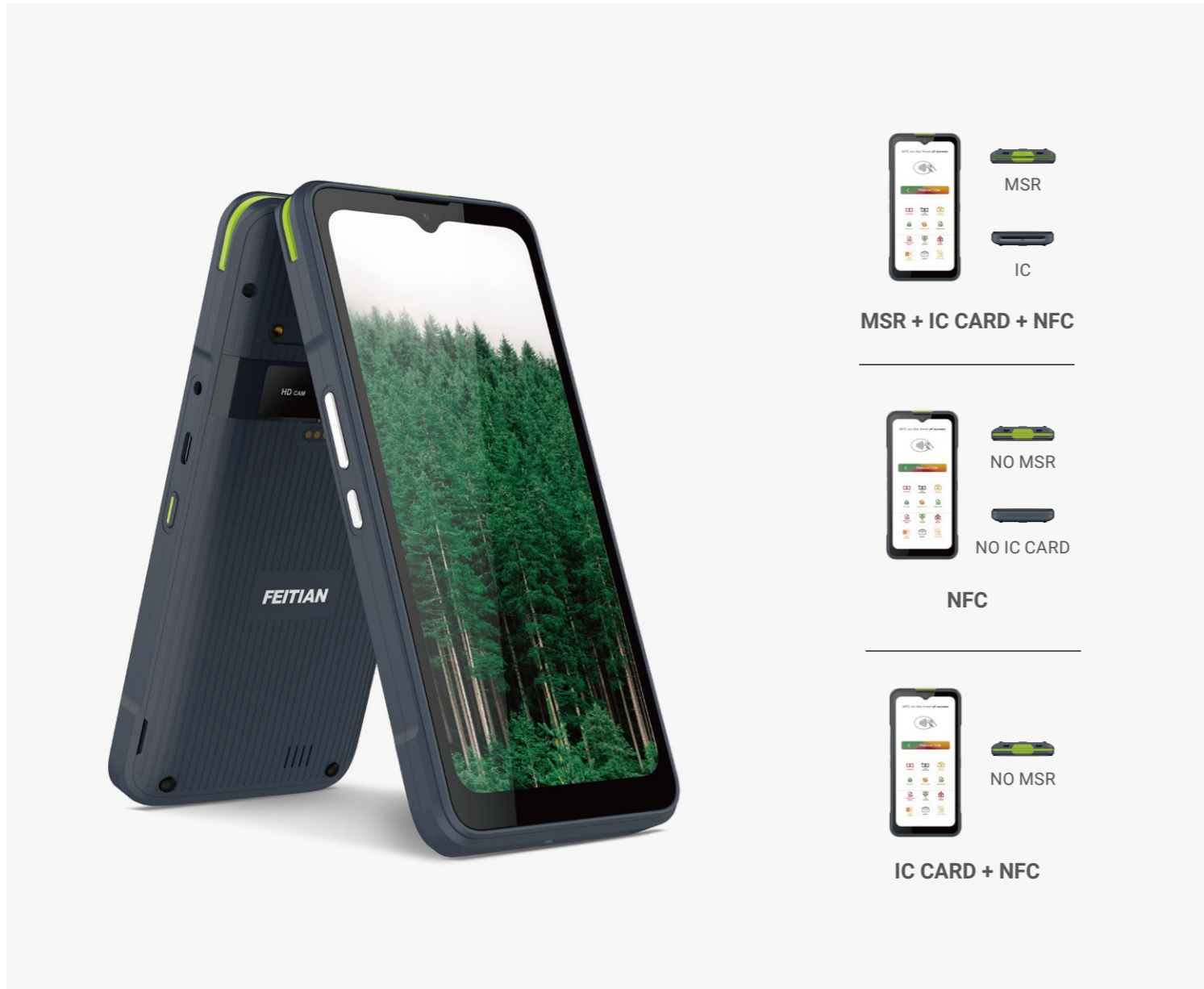


F310 Payment Android POS



SPECIFICATIONS

Operating System	Android 13
Processor	Quad-Core, 4x2.0G, A53
Memory	RAM: 2GB/ROM: 16GB
Communications	4G (LTE-FDD/LTE-TDD) + 3G (WCDMA) + 2G (GSM), WiFi 2.4GHz/5GHz, BT5.0 (BR/EDR+BLE)
Location	GPS, Beidou, Galileo, GLONASS, QZSS, SBAS
Display	6.5 inch, 720 × 1600, IPS LCD, Multi-touch
Cameras	Rear Camera: 8MP AF with Flash LED, Support Scanner 1D&2D code Front Camera: 2MP FF, Support Scanner 1D&2D code
Battery	3.8V/3000mAh
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
Keys / Buttons	Power Key, Function key, Volume+/- key
Sensor	Proximity Sensor(P-Sensor), Light Sensor(L-Sensor)
Multimedia	Audio speaker
Card Slot	SIM*1 + PSAM*2 or SIM*2 + PSAM*1, 1*SD(up to 1TB)
Peripheral Ports	Type C*1 (USB2.0, OTG), Pogopin(5PIN)*1, Pogopin(8PIN)*1
Adapter	Input: 100-240V AC, 50/60Hz 0.35A Output: 5V DC/2.0A
Physical/Weight	173mm (L) × 82.5mm (W) × 17.2mm (H) /278g
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 CL L1, Amex, Paywave, Paypass, Discover, Pure, TQM, QUICS, CE, FCC, ROHS

F310 All-in-one Terminal



F310-1 Printer Module

Printing Method	Thermal dot printing
Number of Dots	384dots/line
Resolution	8dots/mm (203dpi)
Print Width	58mm(57.5±0.5mm)
Max Printing Speed	70 mm/s
Roll Diameter	40mm
Physical /Weight	89.8(L)mm*82.7(W)mm*76.7(H)mm/375g



F310-2 Unattended Module

Cameras	Front Camera: 2MP FF, Support Scanner 1D&2D code Rear Camera: None
Ports	RS232-A(RJ45)*1, RS232-B(RJ45)*1, LAN(RJ45)*1, PWRDIG.I/O*1, MDB-M EXE*1, MDB-S*1, 4G SMA*1, Type-A*1, Type-C(USB2.0, OTG)
Ingress Protection Rating	IP 54
Physical/Weight	195.7(L)*101(W)*64.2(H)mm/565g



F310-3 Battery Options

Battery	5000mAh/3.8V
Physical/Weight	173(L)mm*81(W)mm*26.4(H)mm/439.5g
F310-8 Fiscal	
Fiscal Module	USB/37.15mm(L)*15.70mm(W)*6.40mm(H), UART/30.00mm(L)*29.95mm(W)*9.40mm(H)
Battery	3000mAh/3.8V
Physical/Weight	173(L)mm*81(W)mm*26.4(H)mm/388.5g



F310-4 Scanner Module

Motion Tolerance	High motion tolerance(6 m/s)
Max Image Speed	Maximum image capture rate of 120 fps
Scan Mode	Supports 1D, 2D, and OCR as well as Packaging bar codes and screen bar codes
Physical/Weight	50.0(L)mm*89.8(W)mm*27.0(H)mm/35g

F310 All-in-one Terminal

F310-5 Protective Case

Ingress Protection Rating	IP66
Drop Height	1.8m
Scanner	
Motion Tolerance	High motion tolerance (6 m/s)
Max Image Speed	Maximum image capture rate of 120 fps
Scan Mode	Supports 1D, 2D, and OCR as well as Packaging barcodes and screen bar codes
Physical/Weight	191.5(L)mm*95.4(W)mm*97.2(H)mm/440g

Ingress Protection Rating	IP66
Drop Height	1.8m
Scanner	
Motion Tolerance	High motion tolerance (6 m/s)
Max Image Speed	Maximum image capture rate of 120 fps
Scan Mode	Supports 1D, 2D, and OCR as well as Packaging barcodes and screen bar codes
Physical/Weight	232(L)mm*95.4(W)mm*97.2(H)mm/530g



F310-6 Charging Cradle

Ports	Type-C*1, RJ45*1, Type-A*2, RJ11*1(R232)
Physical /Weight	159.6(L)mm*100(W)mm*51.0(H)mm/180g

F310-7 Multi Dock

Dock Screen	LCD 2.4 inch, TFT 240*320 (Display the payment QR code)
Camera	0.3M FF*2(640*480) Support Scanner 1D&2D code
Ports	Type-C*1(5V2A), RJ45*1, Type-A*2(USB2.0), RJ11*1(Cash drawer)
Physical /Weight	279(L)mm*100(W)mm*75.5(H)mm/408g



F310 All-in-one Terminal



F310-9 Customer Display Module

Printer Screen	1.65 inch 128*64Dots Graphic
2" Printer(58mm)	
Printing Method	Thermal dot printing
Number of Dots	384dots/line
Resolution	8dots/mm (203dpi)
Paper Size	58*40mm
Max Printing Speed	70 mm/s
Physical/Weight	89.8(L)mm*86.2(W)mm*76.7(H)mm/146g



F310-10 Capacitive Fingerprint Module

2" Printer(58mm)	
Number of Dots	384dots/line
Resolution	8dots/mm (203dpi)
Print Size	58*40mm
Max Printing Speed	70 mm/s
Capacitive fingerprint module	
Image Size	256*360 pixels
Image Resolution	508 dpi
Sensor Type	Semiconductor capacitive
Physical/Weight	89.8(L)mm*91.7(W)mm*76.7(H)mm/147g



F310-12 Optical Fingerprint Module

ID optical fingerprint module (CBM V3, SM-92, Slim2/2s, Slim3, FS81)

Image Quality Standards	FBI PIV/Mobile ID FAP30 compliant
Sensor Type	Optical
Resolution	500 dpi
Gray Scale	256 level
Physical/Weight	115(L)mm*89.8(W)mm*25.2(H)mm/107g



F310-15 Identification Printer Module

ID optical fingerprint module

Image Quality Standards	FBI PIV/Mobile ID FAP30 compliant
Sensor Type	Optical
Resolution	500 dpi
Gray Scale	256 level

2" Printer(58mm)

Printing Method	Thermal dot printing
Number of Dots	384dots/line
Resolution	8dots/mm (203dpi)
Print Size	58*40mm
Max Printing Speed	70 mm/s
Physical/Weight	107.6mm(L)*90.1(W)*68.35(H)mm/271g

F310 All-in-one Terminal



Self-service kiosk A

F310-17 Self-service Kiosk A

Face Recognition Camera	16MP AF, Support Scanner 1D&2D code, Face recognition Optional: 5MP AF
Cradle	
Interface	Type-C*1(USB2.0), Type-C*1(5V2A), RJ45*1
Bracket The Minimum Height is not low	300mm
Bracket The Maximum Height is not low	437mm
Base Diameter	130mm
Inclination	-10°~45°
Revolve	-170°~170°
Physical/Weight	Φ130mm*300~437(H)mm/585g



F310-18 Scan Print Module

Scanner	
Motion Tolerance	High motion tolerance (6 m/s)
Max Image Speed	Maximum image capture rate of 120 fps
Scan Mode	Supports 1D, 2D, and OCR as well as Packaging barcodes and screen bar codes
2" Printer(58mm)	
Printing Method	Thermal dot printing
Number of Dots	384dots/line
Resolution	8dots/mm (203dpi)
Max Printing Speed	70 mm/s
Print Size	58*40mm
Physical/Weight	91.4(L)mm*89.8(W)mm*76.7(H)mm/112g



Self-service kiosk B

F310-17 Self-service Kiosk B

Front Camera	16MP AF, Support Scanner 1D&2D code, Face recognition
Cradle	
Interface	Type-C*1, Type-C*1(USB2.0, OTG),RJ45*1, USB2.0 Type-A*2, RJ11*1(R232)
2" Printer(58mm)	
Print Size	58*40mm
Max Printing Speed Paper	80 mm/s
Bracket The Minimum Height is not low	300mm
Bracket The Maximum Height is not low	437mm
Inclination	-10°~45°
Revolve	-170°~170°
Physical/Weight	195(L)mm*100(W)mm*437(H)mm/780g
Palmar veins	
Vein Scan Distance	Brush the palm within the distance of 5cm~12cm
Scan Mode	Support Scanner 1D&2D code



F310-19 NFC/Wireless Charging Module

Coil Diameter	Φ42 coils
Current Impedance	The current impedance is less than 250mohm
Coil Sensitivity	Quality factor Q>25 The inductance is 9.5uH ±10%
Fast Charging	10W wireless fast charging
Fixation	Powerful magnetic function
Physical/Weight	173(L)mm*82.5(W)mm*19.5(H)mm/315g