

Pay & Pass **On-board**

All-in-One cashless and contactless validator for all transport modes.



Famoco OS Private Android for business



NFC module smartcard and EMV L1, L2, PCI PTS



Open Payment application EMV L3



QR code and Barcode reader



GPS-enabled to track device on the move



2G-3G-4G, Dual Band, Wi-Fi, Ethernet to connect anywhere



5" screen display legible real-time information to Riders

Multi-ticket compatibility



EMV cards



Wallets



QR and Barcode



Smartcards

Travel with what you have got in your pocket



VISA



DISCOVER



Physical characteristics

Dimensions	Front (HxW) 315 x 115 mm / 12.40 x 4.52 in. Back (HxW) 340 x 115 mm / 13.38 x 4.52 in. Depth 140 mm / 5.51 in. (Wall version) Depth 110 mm / 4.33 in. (Pole version)
Weight	3000g / 6.61oz
Body	Full ABS
Display	5" – IPS FWVGA 960x480 pixels
Touch Panel	optional 5 points & gesture
Version	Wall or Pole-mounted
Power	12Vdc, 1.8A or 24Vdc, 0.9A Ignition input feature Power cycle control for NFC reader
Voice & Audio	Microphone & Speaker 70dB
Connectivity	2x OTG USB Type-A 1x Ethernet with optional RJ45 to USB
Notification	Sound, LED multi-color
Sensors	Accelerometer & Camera 5MP FF IC

Performance characteristics

CPU	Mediatek 6739, Quad core, ARM Cortex A53 1.5GHz
GPU	PowerVR GE8100
Operating System	Famoco OS on Android™ 8.1
Memory	2GB RAM / 16GB Mass Storage
Expansion slot	MicroSD up to 32GB

User environment

Operating Temp.	-20°C to 55°C / -4°F to 131°F
Storage Temp.	-20°C to 55°C / -4°F to 131°F
Humidity (non-condensed)	Operating 10% to 90% Storage 5% to 95%

Compliance

Regulatory	ECE R10 EN 50155, EN 50121-3-2 EN 45545-2 FX925RC CE, ROHS FX925RF FCC, IC, NOM-NYCE, ETL, PTCRB
IP rating and impact resistance	IP54, IK08

NFC Reader

Contactless	Ingenico® Open/1500 EMV L1 v3.1, PCI PTS v6 ISO 14443 A/B/B' & ISO 18092 (read) CENT/TS-1:2017 RCTIF v5 EMV L2 v3.1 Visa, Mastercard, American Express, Discover, JCB, Interac, Union Pay, Eftpos, ECPC, RuPay, Pure EMV L3 Visa, Mastercard ECP v2 Apple, Google, Samsung
--------------------	--

Security

SAM slot	Validator 1x SAM slot NFC reader 4x SAM slots internal for custom configuration
Secure Element (eSE)	JCOP4.1 Common Criteria EAL4+

QR and barcode

Camera	Superlead® 7130N 1D / 2D Scanner PDF417, MicroPDF417, Data Matrix, Maxicode, QR Code, MicroQR, Aztec, Hanxin, UPC, EAN, Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, Codabar Interleaved 2 of 5, Mis Plessey, GSI DataBar, China Postal, Korean Postal, etc.
---------------	--

Wireless data communication

SIM	1x Mini SIM (2FF) 1x Micro SIM (3FF)
Cellular Connectivity	FX925RC 2G : 900/1800MHz (B8/B3) 3G : 900/2100 MHz (B8/B1) 4G : FDD:700/800/900/1800/ 2100/2600 MHz (B28/B20/B8/B3/B1/B7) TDD: 2300/2600 MHz (B40/B38) FX925RF 2G : 850/1900 MHz (B5/B2) 3G : 850/1900MHz (B8/B2) 4G : FDD: 700a/700bc/700c/850/1700/1900/2600/ (B12/B17/B5/B4/B3/B2/B7)
Wi-Fi	Dual-band (2.4GHz and 5GHz) 802.11a/b/g/n
GPS	Glonass, GPS

Warranty

Subject to the terms of Famoco's hardware warranty statement, the FX925RC-ING / FX925RF-ING is warranted against defects in workmanship and materials for a period of one (1) year from the date of shipment. For complete warranty statement, please contact sales@famoco.com

Note
Specifications are subject to change without prior notice, and valid at the date of publishing – October 2024