FlowneX

NEXT TRAIN: 2 MIN

Top Up Successful - $20

CONTACTLESS TICKET VALIDATOR

CTV-Tap

⬡ Features

- 10" high brightness Colour Display

- Built-in GNSS & Wireless Technology

- Wall Mount and Pedestal Mount Support

- 4-slot SAM Module

- EMVCo Level 1, 2 and PCI v6.0 Certified Contactless Card Reader

CTV-Tap is a compact, self-service transit recharge terminal that enables passengers to quickly check balances, top-up their cards, and manage accounts — right at the station platform. Designed for seamless mobility in metros, buses, and multimodal hubs.

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CTV-Tap

Specifications	Description
Software Platform	Yocto Linux, Android 14
Processor	Quad-Core core Cortex-A55 @ 2.0GHz
NPU	1 TOPS
GPU	Mali-G52 GPU. Support OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1
RAM	2GB LPDDR4
Storage	16GB flash
Display	10" multi-touch color LCD panel (720 x 1280)
Card Readers	Contactless ISO14443 A & B, MIFARE family, Sony Felica, EMV Contactless
SAM	4 x SAM slots
Barcode Scanner	High Performance 1D/2D Scan Engine
Cellular	LTE-4G with Nano SIM card slot
Connectivity	Wi-Fi (Dual Band 2.4GHz/ 5GHz), BT 5.2
Positioning System	Multi-GNSS , GPS, Glonass, Galileo
LAN	1 x 10/100/1000Mbps
Serial Ports	1 x RS232, 1 x RS485
USB	2 x USB-C Host and OTG
GPIOs	2 x Isolated Digital Input 4 x Isolated Digital Output
Audio	2 x 2W Speaker
Power	Input : 9-50 VDC, Consumption < 20W
Environmental	Operating temperature: -20°C~60°C (-4°F~ 140°F) Storage temperature: -20°C~70°C (-4°F~ 158°F) Relative humidity (non-condense): 5% ~ 95%
Dimensions	720 mm (L) x 220 mm (W) x 190 mm (D)

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