








CONTACTLESS TICKET VALIDATOR

FLOWNEX CTV

Features

-  Support for Open-Loop/
Closed-Loop Payment System
-  4G - LTE Connectivity
-  Wide color display screen
-  Powerful optical QR code imager
-  Two Versions: Onboard & Stationary



Flownex CTV is a ticket validator platform that's application agnostic and allows contactless card acceptance, and transaction processing while ensuring full security. This ticketing platform supports all contactless payments such as EMV bank cards, mobile 2D (QR) codes, NFC, and closed-loop cards.

Tailored to modern passenger needs, Flownex CTV features a 7-inch color display with a touch interface and wide illumination, an attractive user interface, bright indication, LED light bars, and an optical QR scanner.

eMobility & Contactless Services

Transit Solutions

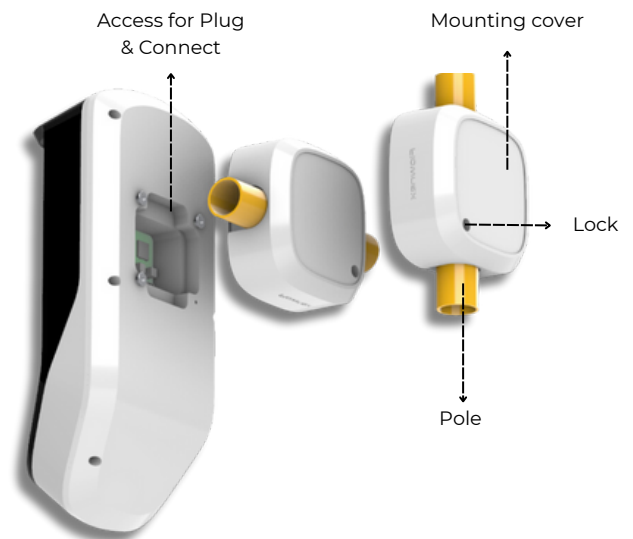
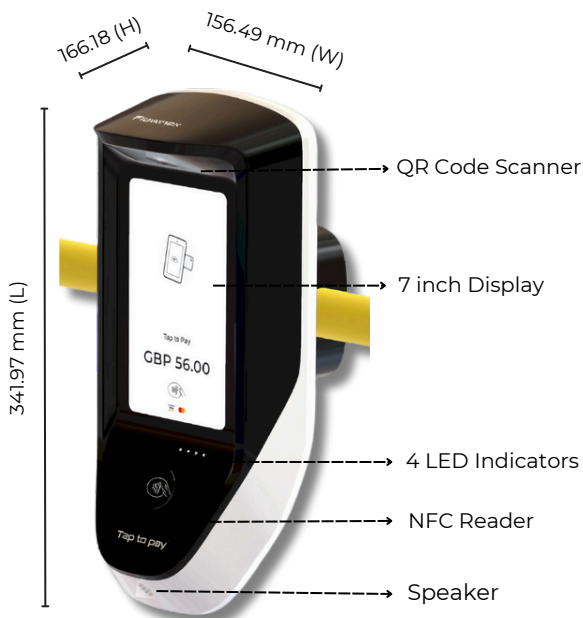
- Ticket Validators: Scan smart cards, QR codes, or mobile tickets on buses.
- Parking Solutions: Validate passes or payments via RFID, NFC, or license plate scanning.
- EVSE Payment: Accept payments for EV chargers.

Non-Transit Solutions

- Events: Validate tickets and track attendee flow.
- Tourism & Hospitality: Scan tickets for museums, parks, and tours.
- Institutions: Use RFID/tags for campus dining and fleet access.
- Cinemas: Automate ticket scanning for entry.

FRONT

BACK



CONTACTLESS TICKET VALIDATOR

FLOWNEX CTV

| Specifications | Description |
|------------------------|---|
| CPU | ARM Cortex A53 Quad Core SoC at 1.5GHz |
| Display | 7' inch wide color display TFT screen with capacitive touch |
| External Communication | 1 x RS485, 1 x RS232, 1 x WiFi 6.0 1 1 x BT 5.0 1 x 4G LTE With Dual SIM support, (5G Ready) 1 x GPS (optional) 1 x Digital Isolated Input GPIO 1 x Digital Isolated Output GPIO 1 x USB2.0 OTG Type C, 1 x USB2.0 1 x UART, 1 x Debugger UART 1 x I2C BUS 1 x ECSPi 1 x SD Card |
| Ethernet | 1 x 10/100 Mbps |
| Audio | 1 x High quality Speaker |
| Card type support | ISO/IEC 14443-A/B, ISO 18092 (NFC), Sony FeliCa, CiPURSE, MiFARE, DESFire, ISO 15693 |
| EMV Compliance | L1 V3.0a & L2 certified (Master, Visa, Discover American Express, Rupay) |
| QR code scanner | Powerful optical 2D - QR code image scanner module |
| RTC | Built-in Real-Time clock-battery backed |
| Memory | <ul style="list-style-type: none"> • RAM: 4 GB • eMMC : 16 GB |
| Operating system | Linux 5.4.142, Android 11.0 |
| LED Indicators | 4 LED indicators |
| Power Supply | 9 – 36 Vdc |
| Operating Temperature | -20 to +60 deg C |