

EMP5210A

Quick Fare Payment Validator

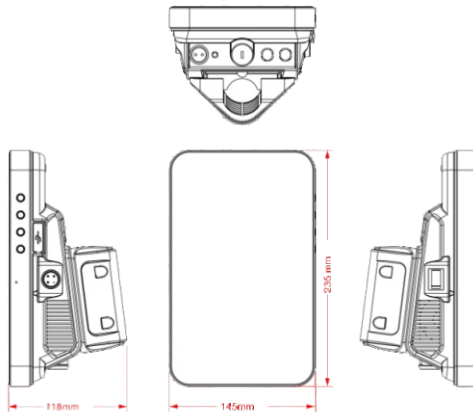
The Emperor EMP5210 is a QR and contactless smart card payment terminal developed for the public transportation fare payment system. It supports contactless smart card payment including RFID card, CPU card, banking IC card etc. With unrivaled security and encryption features, the EMP5210 Ticket provides the most versatile and efficient payment process.



KEY FEATURES

- **High-speed and Secure CPU processor**
- **Compatible Card Type: MIFARE® card, CPU card, Banking IC card; ISO14443 Type A&B, Sony Felica protocols**
- **QR Code Payment**
- **GPS and Satellite Positioning**
- **High-capacity data memory**
- **User-friendly interface: voice / buzzer / indication light**
- **Solid and strong housing, waterproof and shockproof**
- **Flexible and Stable installation**

EMP5210 Ticket Validator



Technical Parameters

CPU Core	ARM 32 bit Cortex™-M4 CPU
Memory capacity:	Internal: 196Kb SRAM, 1Mb ROM External: 1Mb SRAM, 160 Mbit SPI Serial Flash x5, 64Kb nonvolatile storage
HMI	LED screen, 4 x LED indicator, 1 x buzzer
RFID	ISO14443 A/B, SONY FELICA ISO14443A: 0~10CM, FELICA: 0~7CM
Encryption:	4 x PSAM, ISO7816 standard
Data Communication Interface:	USB, RS-232, GPRS/3G/4G, Infrared, CAN/488
Optional Function:	QR Code Payment Custom fare collection keyboard
Transaction Time (per card):	≤300ms
Service Life	≥5 years
Power Supply:	DC+12V/1A +5V/3A input
Environment:	Storage: temperature -10 -- +55 , humidity ≤85% Operation: temperature -20 -- +70 , humidity ≤95%
Installation:	Vertical bar or cross bar installation with security lock
Dimension:	220(L) × 130(W) × 40(H) mm
Weight:	1500g