



# ACR320

## Ticket Validator For Automatic Fare Collection



ACR320 – Ticket Validator is designed specifically for the use in Automatic Fare Collection (AFC) systems for public transport, e.g. for buses, ferries, trams, railway and other transportation means.

ACR320 supports all smart cards/tags compliant to ISO14443 Type A & B, Mifare and Near Field Communication (NFC) standard. By virtue of the embedded powerful 32bit ARM 11 processor, ACR320 enables a high speed transaction processing and transaction records collection. ACR320 supports various advanced connection modes for data transfer, including Wi-Fi, HSPA/WCDMA, Quad-band GSM/GPRS, HSPA, Bluetooth and USB thumb drive data collection. It also equips with GPS enabling you to locate the vehicle, fleet management and set fare flexibly with reference to distance.

There are minimum four SAM card slots for holding Payment SAM cards to ensure the security and integrity of the transactions. ACR320 is furthermore integrated with a 640 x 480 high resolution VGA 5.7" LCD, speaker, 4 LED indicators with different colors, 4 backlit buttons. Adding to a strict shocking, vibration, water and dust ingress protection and reliability testing, ACR320 is the best choice of your AFC projects application.

### Standard Features

Processor & Operation System	
32-bit-Arm 11 / Linux	✓
Smart Card Interface	
Contactless + 4 SAM Card Slots	✓
Connectivity	
USB Host/ Client	✓
Wi-Fi 802.11 b/g & Bluetooth	✓
HSPA/WCDMA 900/1900/2100 MHz	✓
Quad-band GSM/GPRS 850/900/1800/1900 MHz	✓
RS232 / RS485 Serial	✓
Card Support	
ISO 7816 Contact SAM card	✓
ISO 14443 A & B, Mifare Cards, NFC Cards	✓
Security Features	
Over Voltage & Over Current Protection	✓
Secure mounting design to prevent stealing of Bus Validator and physical attack	✓

Dimension	
281mm (L) x 168mm (W) x 55mm (H)	
User Interface	
5.7" VGA LCD	✓
Red/Blue/Yellow/Green LCD indicators	✓
4 Backlit Buttons	✓
Speaker and Buzzer	✓
Certifications/ Compliance	
CE / FCC/ RoHS	✓
Others	
Firmware upgradable	✓
GPS	✓
Dust and water resistant	✓
Ethernet	✓

