HYBRID CONTACTLESS CARD & TOKEN VALIDATOR

The Hybrid Validator has been designed for the AFC and Access Control Systems in which both contactless cards and tokens are accepted as the fare media.

- Hybrid Token and Smart Card Reader
- Motorized Token validator with accept and reject path
- Removable Token box with up to 2000 token capacity
- Support various types of contactless smart token
HYBRID CONTACTLESS CARD & TOKEN VALIDATOR

Main Processor Board:
- CPU: 1 GHz Samsung S5PV210
- RAM: 512 MB, 32bitBus
- Flash: 1 GB NAND Flash
- OS: Windows CE / Linux/ Androd

Display:
- Type: Full Color TFT LCD
- Resistive Touch Screen (Optional)
- Screen 4.3 Inch (diagonal)
- Resolution: 480x272 Pixel

Communication:
- Ethernet: 10/100 Mbps
- Serial: RS485, RS232
- USB: Host. OTG

Motorized Token Validator:
- Token Size: Diameter. 25.0-31.5mm Thickness: 2.0-3.2mm
- Token Type: ISO 14443 Mifare Classic / Mifare Ultralight
- Speed: 100 coins/minute (approximately)
- Counting Method: Optical Sensor
- Motor Control: Dedicated Control Board

Contactless Card reader:
- Contactless communication: ISO14443 A/B, ISO 18092(NFC)
- Frequency: 13.56 MHZ
- High speed of ISO 14443: upto 848kbps
- Reading Distance: Up to 10cm
- Smart card (SAM): Max. 5 ISO 7816 Interface (SAM Module)