



SRU-FK0100 UHF RFID Reader is an all purpose high performance reader which is suitable for many applications. The SRU-FK0100 is one of the smallest UHF RFID reader in the market.



Product Profile

The SRU-FK0100 reader is powered by Samsung Technology and has an extremely high inventory rate and tag velocity.

Features

- Compliant to the ISO 18000-6B and C, EPC Global Class 1 Gen 2 UHF RFID Protocol
- 640 Kbps tag-to-reader data rates
- Tremendous savings by using a single transmit /receive antenna for each of its four ports ultra high inventory rate, read rate, and tag velocity
- Settable and configurable parameters offer maximum throughput and optimal performance
- Support all Gen 2 commands, including write, lock, and kill

Specifications

- Dimension: (LxWxH) 140 mm x 110 mm x 26 mm
- Weight: 0.6 kg
- Memory: 256KB external memory
- Environment:
 - Operating Temp: -20°C to 70°C (-4°F to 158° F)
 - Storage Temp: -40°C to 85°C (-40°F to 185° F)
 - Humidity: 0% to 90% non-condensing
- Antenna: 4 antenna ports, each single unit antenna for transmit and receive per port
- Power: Power adapter 6VDC/2A
- Frequency: 919 MHz to 923 MHz band (Malaysian Standard)
- Protocol: ISO 18000-6B and C, EPC Class 1 Gen 2
- Interfaces:
 - LAN(RJ-45)
 - RS-232 (DB-9F)
 - GPIO (DB-9M)
- Networking Protocols: TCP/UDP
- Hardware Platform: 8051 Micro Controller
- Operating System: None
- RF Power: 30.0 dBm (MAX)
- Read range: 5 meters

MM3 UHF C1G2

FEC International (M) Sdn. Bhd. is an associated company of FEC Inc. Japan. We are dealing with RFID related products, where we focus on RFID implementation nationwide in Malaysia and global market. FEC International is in collaboration with world class partners producing various types of inlay to suit different applications based on the C1G2 MM3 Chip.

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