

***The ultra high frequency RFID reader has 4 antenna ports and is compliant with ISO 18000-6C and EPC Class 1 Gen 2 standards.***

The ultra high frequency RFID reader features a compact size, light weight and multi-regional flexibility. It has 4 antenna ports and is compliant with ISO 18000-6C and EPC Class 1 Gen 2 standards. It provides a long reading distance of 5 meters. This reliable 4-port UHF RFID reader is used in various applications including supply chain, logistic inventory management, cargo tracking, warehouse management, shop floor management and class management.



**Key Features**

- ✓ Light weight, multi-regional flexibility
- ✓ Long read range of 5 meters
- ✓ 4 antenna ports and 3 LED indicators
- ✓ Industrial I/O connection
- ✓ Compliant with ISO 18000-6C and EPC Class 1 Gen 2 protocols

**Applications**

- ✓ Supply chain management
- ✓ Logistic inventory management
- ✓ Cargo tracking management
- ✓ Warehouse management
- ✓ Shop floor management
- ✓ Class management

## Technical Specifications

Model No.	216027	216027US
Operation		
RFID	ISO 18000-6C, EPC Class 1 Gen 2	
Frequency	840 to 960 MHz (configurable)	
Output Power	Maximum 27 dbm (0.5 W) (adjustable)	
Interface	RS232C: 4800-115200 bps (8,N,1), standard default value 115200 bps (8,N,1) RS485: 4800-115200 bps (8,N,1) Wiegand: Wiegand 0-114 bits, standard default value Wiegand 26 bits	
Power Input	7.5-12 V DC Standby 600-650 mA @ 7.5 V DC Minimum current 1 A @ 7.5-12 V DC	
Read Range	Up to 5 meters (tags and antenna dependent)	
Dimension	Length: 114 mm/Width: 97 mm Length: 21 mm (terminal included)	
Physical		
Weight	170 grams (terminal included)	
I/O Connection	14 pin 3.5 mm (head of terminal)	
Antenna Connectors	4-port SMA: female body with female inner pin (216027)	4-port SMA: female body with male inner pin (216027US)
Environmental		
Temperature	Operating: -10 °C to 60 °C Storage: -20 °C to 70 °C	
Humidity	Operating: 10% to 90% non-condensing Storage: up to 90% non-condensing	
Safety approval		
Approval	CE R&TTE EN 302 208-1/-2	FCC ID PART 15B/C

EN 301 489-1/-3

EN 60950-1



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