

M1427



Station Alerting Unit

The M1427 provides a secure alerting and control solution for fire stations and other facilities covered by a SPARKGAP two-way paging/data system. It provides 4 programmable relay outputs to activate PA systems, blowers, doors, and sirens upon an alert based on group or personal messages. Additionally it includes 4 distinct 12V (max combined 1A) output to power local controllers.

- 4 Programmable dry relay outputs (120VAC, 4A, 1 Form C)
- 120VAC power connection
- Wall-mount enclosure with external wall-mount smart antenna
- Standard DB15 VGA cabling between enclosure and antenna
- Controlled/monitored via SPARKGAP secure NPCS network
- AES (FIPS-197) encryption

M1427

M1427 SAU Specifications

Format

- Motorola ReFLEX™ v2.7.5 (Digital Narrowband)
- 800-9600 Baud

Transmitter

- Frequency Range: 892~902MHz
- Frequency Stability: 0.5PPM
- Emissions: FCC Part 90, 24D
- Power: 1W Into Antenna, Typical

Smart Antenna - Physical

- Size: 86mm × 64mm × 23mm
- Weight: 130 grams (w/Battery)
- Battery: 600 mAh Internal (Optional)
- Material: Black Polycarbonate
- Operating Temp: -30°C ~ +85°C
-

Base Unit - Physical

- Size: 114mm × 210mm × 57mm
- Weight: 400 grams
- Material: Black Polycarbonate
- Operating Temp: -30°C ~ +85°C

Base Unit - Relays

- Max Rating: 4A, 120VAC / 1A, 30VDC
- Type: 1 Form C (NO / NC / Common)

Encryption

- 128-bit AES (FIPS-197)
- Over-the-Air Re-Keying (OTAR)

Receiver

- Frequency Range: 929~942MHz
- Image Rejection: 40 dBc, typical
- 1MHz Blocking: 80 dBc, typical

Ordering Information

Part Number	Description
CRS-SGP-1427	M1427 Kit (Base Unit, Smart Antenna, 8' Cable, wall transformer)
CRS-SGP-1427-Base	M1427 Base unit
CRS-SGP-1427-Ant	M1427 Antenna
CRS-SGP-1427-Cable	M1427 8' Extension Cable
CRS-SGP-1427-Pwr	M1427 12V Power Adapter



Specifications Subject to Change Without Notice.
Copyright © 2010, Critical Response Systems, Inc. All Rights Reserved.