



General Specifications

| | | |
|--|-----------------|------------------------------------|
| Power Requirement* | - VDC regulated | 6-18 VDC |
| Current Consumption (at 12VDC) | - Average | 31 mA |
| | - Peak | 70mA |
| Card Read Range | - Metric | 20mm - 40 mm |
| | - USA | 0.8" - 1.6" |
| Operating Temperature | - Metric | -25°C to +65°C |
| | - USA | -13°F to +149°F |
| Relative Humidity | - % max | 90%, operating non condensing |
| Reader Dimensions | - Metric | 110mm (L) x 110mm (W) x 23mm (D) |
| | - USA | 4.33" (L) x 4.33" (W) x 0.91" (D) |
| Status LED's | - Colour | Green, Red (ext control to Green) |
| Audible Tone | | Internal & external buzzer control |
| Colour finish | | Charcoal |
| Certifications | | RCM Mark AU/NZ, FCC, CE |
| IP Rating | | IP65 |
| ROHS | | Compliant |

M2000

* At Reader terminal

Security with aesthetics in mind and a stylish flush mount design

The BT825 Series of readers is a flush mount unit designed to be architecturally unobtrusive. The BT825 offers flexible security options in a low profile design.

Available in several models, the BT825 caters for all security requirements large or small and offers a solution for all applications whether driven by budget or functionality.

Model Features

| BT825 | Technology | | | Authentication Factors | | | Encode | | | | Encryption | | | | Sector Keys | | | 13.56MHz Credential type and option | | | | Output Protocol | | | Other | | | | | |
|---------|----------------|-------------|---------|------------------------|-----------|--------|---------|--------|-------------|------------|------------------|----------|-------------|-------|----------------|----------|----------|-------------------------------------|-----------|-----------|----------------|---------------------|---------------------|----------------|--------------------|------------------|--------------|------------------|---------------|---|
| | Mifare Classic | Mifare Plus | DESfire | Card | Biometric | Keypad | CSN/UID | Sector | Application | Random UID | Diversified Keys | Crypto 1 | Mifare Plus | 3 DES | AES (optional) | MiPASS 2 | MiPASS 3 | Customisable | ISO14443A | ISO14443B | Mifare 1K & 4K | Mifare Plus 2K & 4K | DESfire EV1 4K & 8K | Wiegand 32 BIT | Wiegand 26-199 BIT | Encrypted RS485* | Read / Write | Indoor / Outdoor | Tamper option | |
| BT825-2 | ✓ | | | ✓ | | | ✓ | ✓ | | ✓ | ✓ | | | | ✓ | | | | ✓ | ✓ | | | ✓ | | | ✓ | ✓ | | | |
| BT825-3 | ✓ | | | ✓ | | | ✓ | ✓ | | ✓ | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| BT825-4 | | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | | |
| BT825-6 | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

* Requires High Security Module (HSM) AES 128bit encryption