



General Specifications

| | | |
|-----------------------|-----------------|--|
| Power Requirement | - VDC regulated | 12VDC |
| Current Consumption | - Average | 210ma |
| | - Peak | 234ma |
| 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 | 90mm (L) x 90mm (W) x 27mm (D) |
| | - USA | 3.54" (L) x 3.54" (W) x 1.06" (D) |
| Status LED's | - Colour | Green, Red (ext control to Green) |
| Audible Tone | | Internal & external buzzer control |
| Colour finish | | Charcoal |
| Keypad | | 12 button illuminated, COTAG4422 or custom |
| Certifications | | FCC, CE, C-tick |
| IP Rating | | IP65 |
| ROHS | | Compliant |

D2

Dual Factor Advanced Security – built to withstand harsh environments

The BT817 Series of readers is a low profile, extremely robust unit and has been engineered to withstand the harshest of environments. The BT817 Series is designed for applications where a higher level of security is desired, offering 'Card Only', 'PIN Only', 'Card or PIN' or 'Card and PIN' and can output any PINpad format, PIN may also optionally be stored on the user card.

Available in several models, the BT817 caters for all security requirements large or small and offers a solution for all applications whether driven by budget or functionality.

Model Features

| BT817 | 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 | |
| BT817-2 | ✓ | | | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | | | ✓ | | | | ✓ | ✓ | | | ✓ | | | ✓ | ✓ | | | |
| BT817-3 | ✓ | | | ✓ | | ✓ | ✓ | | | ✓ | ✓ | | | | | | | ✓ | ✓ | ✓ | | | | ✓ | | ✓ | ✓ | ✓ | ✓ | |
| BT817-4 | | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | ✓ | | | ✓ | ✓ | ✓ | | ✓ | | | ✓ | ✓ | | | |
| BT817-6 | ✓ | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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