



## General Specifications

|                              |                   |                                    |
|------------------------------|-------------------|------------------------------------|
| <b>Power Requirement*</b>    | - VDC regulated   | 6-18 VDC                           |
| <b>Current Consumption</b>   | - Average         | 53.1 ma                            |
|                              | (at 12VDC) - Peak | 107.1 ma                           |
| <b>Card Read Range</b>       | - Metric          | 20mm - 40 mm                       |
|                              | - USA             | 0.8" - 1.6"                        |
| <b>Operating Temperature</b> | - Metric          | -25°C to +65°C                     |
|                              | - USA             | -13°F to +149°F                    |
| <b>Relative Humidity</b>     | - % max           | 90%, operating non condensing      |
| <b>Reader Dimensions</b>     | - Metric          | 119mm(H) x 40mm(W) x 24mm(D)       |
|                              | - USA             | 4.69" (L) x 1.58" (W) x 0.95" (D)  |
| <b>Status LED's</b>          | - Colour          | Red, Green & Orange                |
| <b>Audible Tone</b>          |                   | Internal & external buzzer control |
| <b>Colour finish</b>         |                   | Charcoal                           |
| <b>Certifications</b>        |                   | C-tick, FCC, CE                    |
| <b>IP Rating</b>             |                   | IP65                               |
| <b>ROHS</b>                  |                   | Compliant                          |

M2000

\* At Reader terminals

## Seamless Migration

*Slimline style, engineered for tough environments and seamless migrations.*

The BT951 Series of readers is stylish as well as functional with its compact, low profile and slimline shape, allowing easy installation on door architraves or mullions where larger readers will not fit. It can be mounted directly on a metal door frame with no adverse effect to the reader's function.

Available in several models with dual 125kHz Prox (Most formats 26-40 bit) and 13.56MHz Smart Card technology, the BT951 is the perfect migration reader and caters for all security requirements large or small, offering a solution for all applications whether driven by budget or functionality.

### Model Features

| Model   | Technology    |                |             | Authentication Factors |      |           | Encode |         |        |             | Encryption |                  |          | Sector Keys |       |                | 13.56MHz Credential type and option |          |              |           | Output Protocol |                |                     | Other               |                |                    |                   |              |                  |               |   |
|---------|---------------|----------------|-------------|------------------------|------|-----------|--------|---------|--------|-------------|------------|------------------|----------|-------------|-------|----------------|-------------------------------------|----------|--------------|-----------|-----------------|----------------|---------------------|---------------------|----------------|--------------------|-------------------|--------------|------------------|---------------|---|
|         | 125kHz Prox # | 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 |   |
| BT951   | ✓             | ✓              |             |                        |      |           |        |         |        |             |            |                  |          |             |       |                |                                     |          |              |           |                 |                |                     |                     |                |                    |                   |              |                  |               |   |
| BT951-2 | ✓             | ✓              |             | ✓                      |      |           |        | ✓       | ✓      |             | ✓          | ✓                |          |             |       | ✓              |                                     |          |              |           | ✓               |                |                     | ✓                   |                |                    |                   | ✓            | ✓                |               |   |
| BT951-3 | ✓             | ✓              |             | ✓                      |      |           |        | ✓       | ✓      |             | ✓          | ✓                |          |             |       |                |                                     | ✓        |              |           |                 |                |                     |                     | ✓              |                    |                   | ✓            | ✓                | ✓             | ✓ |
| BT951-4 | ✓             |                |             | ✓                      |      |           |        | ✓       | ✓      | ✓           | ✓          | ✓                |          |             |       |                | ✓                                   |          |              |           |                 |                | ✓                   | ✓                   |                |                    |                   | ✓            | ✓                |               |   |
| BT951-6 | ✓             | ✓              | ✓           | ✓                      |      |           |        | ✓       | ✓      | ✓           | ✓          | ✓                | ✓        | ✓           | ✓     |                |                                     |          | ✓            |           |                 | ✓              | ✓                   | ✓                   | ✓              | ✓                  | ✓                 | ✓            | ✓                | ✓             | ✓ |

# 125kHz Prox reads CSN but by its very nature has no encryption.

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