



## General Specifications

Power Requirement*	- VDC regulated	5 VDC
Current Consumption (at 5VDC)	- Average	53 mA
	- Peak	107 mA
Card Read Range	- Metric	Up to 70 mm
	- USA	Up to 2.76"
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 20mm (D)
	- USA	3.54" (L) x 3.54" (W) x 0.79" (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

5V M2000

\*At reader terminals

**Robust, Reliable, Security**  
– built to withstand harsh environments

The BT815 5V reader is a low profile, extremely robust unit and has been engineered to withstand the harshest of environments. The BT815 5V is designed with ease of installation in mind and may be installed on flush surfaces and mounted on most international standard gang boxes with the addition of a backing plate.

Available in several models, the BT815 5V caters for all security requirements large or small and offers a solution for all applications whether driven by budget or functionality.

## Model Features

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	
BT815 5V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BT815 5V-2	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BT815 5V-3	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BT815 5V-4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BT815 5V-6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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