



## General Specifications

Power Requirement	- VDC regulated	7 – 18 VDC
Current Consumption	- Idle	31mA
	- Peak	158mA
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, PIC, COTAG4422 or custom
Certifications		FCC, CE, C-tick
IP Rating		IP65
ROHS		Compliant

BT817-2 M2000

**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	Mifare DESfire	Card	Biometric	Keypad	CNV/UID	Sector	Application	Random UID	Diversified Keys	Crypto 1	3DES	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	PIC = PIN on Card	Custom PIN Output	Indoor / Outdoor	Tamper option	
BT817-2	✓			✓		✓	✓	✓			✓	✓		✓				✓	✓	✓		✓			✓	✓		✓		✓	
BT817-3	✓			✓		✓	✓	✓			✓	✓				✓			✓				✓	✓	✓	✓		✓	✓	✓	
BT817-4		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓		✓		✓	✓		✓		✓	
BT817-6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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