



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