BT817

RFID READER DATASHEET
23.06.21

PRODUCT

The BT817 is a two-factor wall mount MIFARE® smart card reader with keypad that can be purchased preconfigured or customised to suit any requirement. Able to integrate seamlessly with existing systems and facilitate migrating to higher security technology.
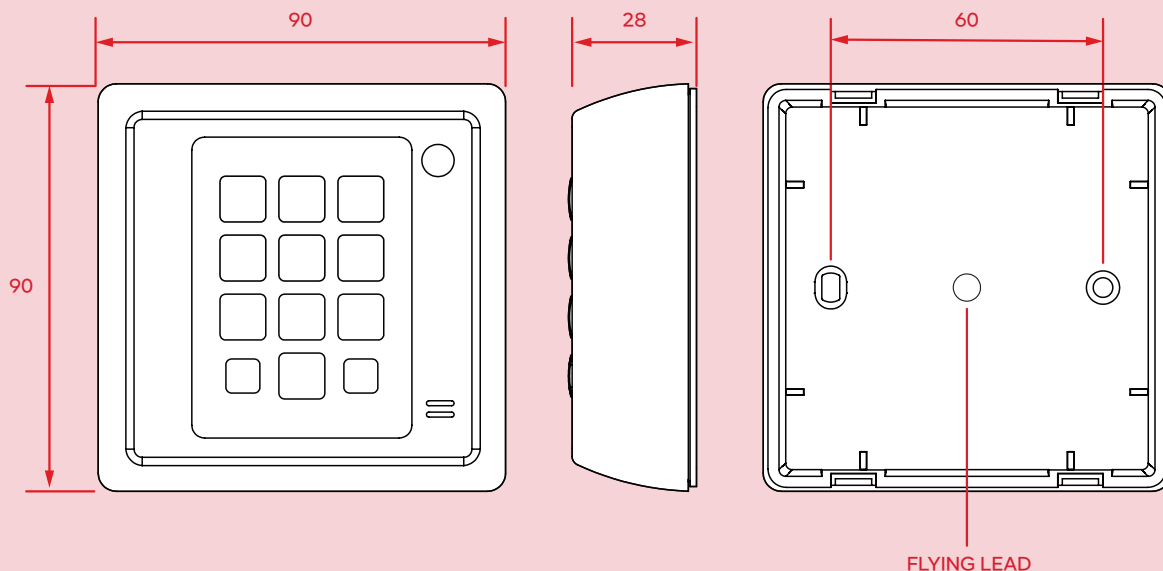
MODEL FEATURES

		BT817-1	BT817-2	BT817-3	BT817-4	BT817-5	BT817-6
Technology	125kHz						
	MIFARE Classic®	●	●	●			
	MIFARE Plus®						●
	MIFARE® DESFire®				●	●	●
Factors	Card	●	●	●	●	●	●
	Keypad	●	●	●	●	●	●
	Biometric						
Encryption	CSN/UID	●	●	●	●		●
	Crypto1		●	●			●
	3DES				●		●
	AES					●	●
Keys	Diversified Key		●		●	●	●
	Custom Key			●			●
Output	Wiegand 32-bit	●	●	●	●	●	
	Wiegand 26-bit to 199-bit			●			●
	Encrypted RS485			●		●	●

SPECIFICATIONS

- **Voltage at Reader**
  8VDC to 16VDC

- **Current Usage**
  Average: 90mA
  Peak: 190mA

- **Card Read Range**
  20mm to 40mm (0.8" to 1.6")

- **Operating Temperature**
  -25°C to +65°C (-13°F to +149°F)

- **Relative Humidity (% max)**
  90%, operating non condensing

- **Reader Dimensions**
  90mm (3.54") X 90mm (3.54") X 28mm (1.10")

- **Materials**
  Reader / Shroud Body: ABS Plastic
  Colour Finish: Charcoal

- **Feedback**
  Green/Red LED, with external control
  Buzzer, with external control
  Tamper detection, optional output

- **Keypad**
  12 button illuminated, PIN on Card (PoC), 8-bit COTAG or custom

- **Credential Options**
  ISO14443A, MIFARE Classic® 1K/4K, MIFARE Plus® X 2K/4K, MIFARE® DESFire® EV1 4K/8K, MIFARE® DESFire® EV2 4K/8K, MIFARE® DESFire® EV3 4K/8K

- **Compliance and Certification**
  FCC, CE, UKCA, RCM, RoHS, IP65

- **Reader Variants**
  BT817-1 – CSN Reader
  BT817-2 – miPASS2 Reader
  BT817-3 – Custom MIFARE Classic Reader
  BT817-4 – miPASS3 Reader
  BT817-5 – miPASS4 Reader
  BT817-6 – Custom MIFARE DESFire Reader

- **Accessories**
  B4023G000000 – BT817 Backbox
  B4033G000000 – BT817 Tamper Plate
  B4101G000000 – BT817 Replacement Shroud

DIAGRAM

DIAGRAMS ARE NOT TO SCALE. MEASUREMENTS ARE IN MILLIMETERS (MM).

FLYING LEAD

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