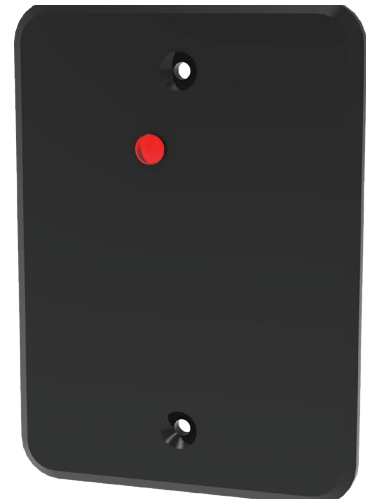# BT510 (AU/NZ Style)

RFID READER DATASHEET
02.05.22

PRODUCT

The BT510 is a flush MIFARE® smart card reader to suit a standard AU/NZ gang box. They can be purchased preconfigured or customised to suit any requirement and are able to integrate seamlessly with existing systems and facilitate migrating to higher security technology.
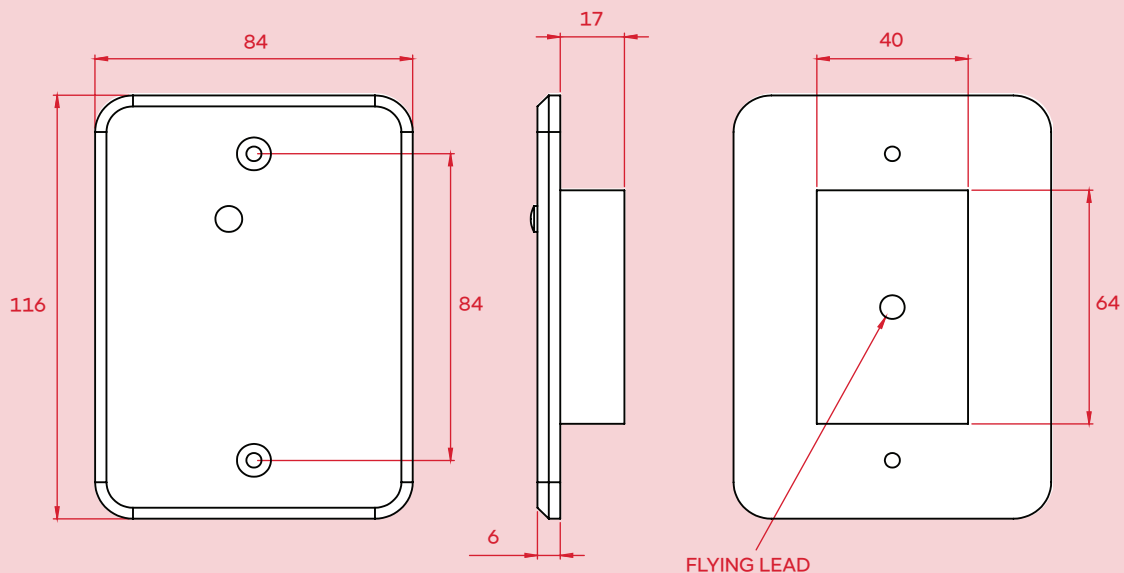
MODEL FEATURES

		BT510-1	BT510-2	BT510-3	BT510-4	BT510-5	BT510-6
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: 60mA
  Peak: 160mA

- **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

- **Materials**
  Reader Plate: 6mm Acrylic
  Colour Finish: Black

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

- **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**
  BT510-1 – CSN Reader
  BT510-2 – miPASS2 Reader
  BT510-3 – Custom MIFARE Classic Reader
  BT510-4 – miPASS3 Reader
  BT510-5 – miPASS4 Reader
  BT510-6 – Custom MIFARE DESFire Reader

DIAGRAM

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

FLYING LEAD