

BT951



RFID READER DATASHEET

23.06.21

PRODUCT

The BT951 is a standard footprint mullion migration 125kHz (FSK) / MIFARE® smart card reader. Able to integrate seamlessly with existing systems and facilitate migrating from a 125kHz card base to higher security technology such as MIFARE® DESFire®.



MODEL FEATURES

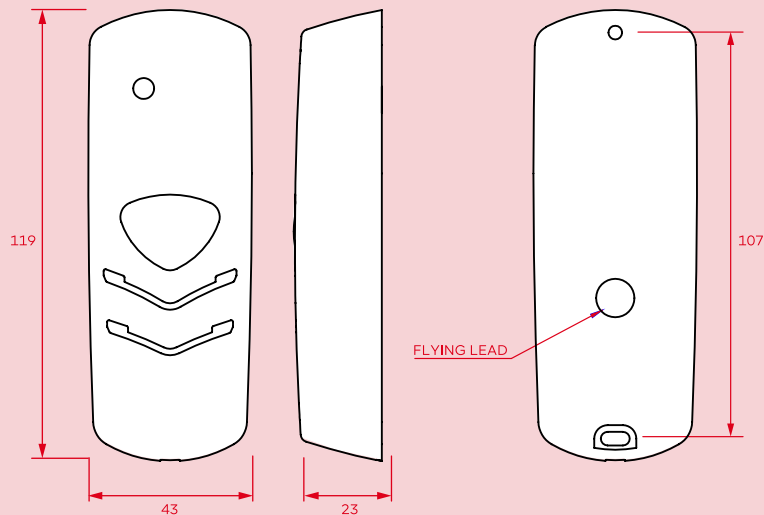
		BT951-1	BT951-2	BT951-3	BT951-4	BT951-5	BT951-6
Technology	125kHz (FSK)	●	●	●	●	●	●
	MIFARE Classic®	●	●	●			
	MIFARE Plus®						●
	MIFARE® DESFire®				●	●	●
Factors	Card	●	●	●	●	●	●
	Keypad						
	Biometric						
Encryption	CSN/UID	●	●	●	●		●
	Crypto1		●	●			●
	3DES				●		●
	AES					●	●
Keys	Diversified 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: 120mA
Peak: 300mA
- **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**
119mm (4.69") X 43mm (1.69") X 23mm (0.91")
- **Materials**
Reader / Shroud Body: ABS
Plastic
Colour Finish: Charcoal
- **Feedback**
Green/Red LED, with external control
Buzzer, with external control
Tamper detection, optional output
- **Credential Options**
125kHz (FSK), 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**
BT951-1 – CSN Reader
BT951-2 – miPASS2 Reader
BT951-3 – Custom MIFARE Classic Reader
BT951-4 – miPASS3 Reader
BT951-5 – miPASS4 Reader
BT951-6 – Custom MIFARE DESFire Reader
- **Accessories**
B4015G000000 – BT95X Tamper Plate
B4104G000000 – BT95X Replacement Shroud

DIAGRAM

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



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