



## General Specifications

<b>Power Requirement*</b>	- VDC regulated	6-18 VDC
<b>Current Consumption</b>	- Average	28.3 ma (DT 53.1 ma)
	(at 12VDC) - Peak	78.9 ma (DT 107.1 ma)
<b>Card Read Range</b>	- Metric	20mm - 40 mm
	- USA	0.8" - 1.6"
<b>Operating Temperature</b>	- Metric	-25°C to +65°C
	- USA	-13°F to +149°F
<b>Relative Humidity</b>	- % max	90%, operating non condensing
<b>Reader Dimensions</b>	- Metric	119mm(H) x 40mm(W) x 24mm(D)
	- USA	4.69" (L) x 1.58" (W) x 0.95" (D)
<b>Status LED's</b>	- Colour	Red, Green & Orange
<b>Audible Tone</b>		Internal & external buzzer control
<b>Colour finish</b>		Charcoal
<b>Certifications</b>		C-tick, FCC, CE
<b>IP Rating</b>		IP65
<b>ROHS</b>		Compliant

M2000

\* At Reader terminals

## Seamless Migration

*Slimline style, engineered for tough environments and seamless migrations.*

The BT950 Series of readers is stylish as well as functional with its compact, low profile and slimline shape, allowing easy installation on door architraves or mullions where larger readers will not fit. It can be mounted directly on a metal door frame with no adverse effect to the reader's function.

Available in several models, including dual technology with 125kHz Prox, the BT950 is the perfect migration reader and caters for all security requirements large or small, offering a solution for all applications whether driven by budget or functionality.

### Model Features

BT950	Technology			Authentication Factors			Encode				Encryption			Sector Keys			13.56MHz Credential type and option				Output Protocol			Other							
	125kHz Prox #	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	
BT950 -2	✓			✓	✓		✓	✓			✓	✓				✓			✓	✓			✓			✓	✓	✓	✓	✓	
BT950 -3	✓			✓	✓		✓	✓			✓	✓						✓	✓	✓			✓		✓	✓	✓	✓	✓	✓	
BT950 -4				✓	✓		✓	✓	✓		✓	✓		✓			✓		✓	✓			✓	✓		✓	✓	✓	✓	✓	
BT950 -6	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BT950 DT	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

# 125kHz Prox reads CSN but by its very nature has no encryption.

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

Contact BQT Solutions for more information or a discussion on custom options available, visit our website [www.bqtsolutions.com](http://www.bqtsolutions.com) for your nearest office.

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