DATA SHEET

BT900 Series*

bqt SOLUTIONS

*Limited stock available for Legacy sites, replaced by BT930 which covers BT900 footprint with the same fixing points.

Superior Security

Slimline style, engineered for tough environments

General Specifications

Power Requirement	- VDC regulated	7-16 VDC
Current Consumption	- Average	45ma
	- Peak	135ma
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	140mm (L) x 45mm (W) x 42mm (D)
	- USA	5.51" (L) x 1.77" (W) x 1.26" (D)
Status LED's	- Colour	Green and Red
Audible Tone		Internal & external buzzer control
Colour finish		Charcoal
Certifications		C-tick, FCC, CE
IP Rating		IP65
ROHS		Compliant
M1000		

The BT900 Series of readers is stylish as well as functional with its 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. A universal back plate is also available for mounting on most international standard gangboxes.

Available in several models, the BT900 caters for all security requirements large or small and offers a solution for all applications whether driven by budget or functionality.

Model Features

BT900	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
BT900 -2	✓			✓			✓	✓		✓	✓	✓				✓			✓		✓			✓			✓	✓	
BT900 -3	✓			✓			✓	✓		✓	✓						✓	✓	✓		✓				✓	✓	✓	✓	✓
BT900 -4		✓	✓	✓			✓	✓	✓	✓	✓		✓					✓	✓	✓	✓	✓		✓	✓		✓	✓	
BT900 -6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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