DATA SHEET

BT825 Series

Security with aesthetics in mind and a stylish flush mount design

General Specifications

Power Requirement*	**- VDC regulated**	6-18 VDC
Current Consumption	**- Average**	27.1 ma
(at 12VDC)	**- Peak**	73.8 ma
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**	110mm (L) x 110mm (W) x 23mm (D)
	- USA	4.33” (L) x 4.33” (W) x 0.91” (D)
Status LED’s	**- Colour**	Red, Green & Orange
Audible Tone		Internal & external buzzer control
Colour finish		Charcoal
Certifications		C-tick, FCC, CE
IP Rating		IP65
ROHS		Compliant

M2000

* At Reader terminal

The BT825 Series of readers is a flush mount unit designed to be architecturally unobtrusive. The BT825 offers flexible security options in a low profile design.

Available in several models, the BT825 caters for all security requirements large or small and offers a solution for all applications whether driven by budget or functionality.

Model Features

	Technology			Authentication Factors			Encode					Encryption				Sector Keys			13.56MHz Credential type and option					Output Protocol			Other		
BT825	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
BT825 -2	✓			✓			✓	✓			✓	✓				✓			✓		✓			✓			✓	✓	
BT825 -3	✓			✓			✓	✓			✓	✓						✓	✓		✓				✓	✓	✓	✓	✓
BT825 -4			✓	✓			✓	✓	✓		✓	✓		✓			✓		✓		✓		✓	✓			✓	✓	
BT825 -6	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓		✓	✓	✓	✓	✓

* 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 for your nearest office.

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