DATA SHEET

Bio Series – BIO XK

Ivory option shown

Ultimate security, combining leading edge fingerprint scanning with secure encryption and PIN PAD

General Specifications

Power Requirement	**- VDC at unit**	7 - 18 VDC
Current Consumption	**- Idle**	48mA
	- Peak	257mA
Card Read Range	**- Metric**	20mm - 40 mm
	- USA	0.8”- 1.6”
Operating Temperature	**- Metric**	-10°C to +50°C
	- USA	+14°F to +122°F
Relative Humidity	**- % max**	90%, operating non condensing
Reader Dimensions	**- Metric**	190mm (L) x 119mm (W) x 58mm (D)
	- USA	7.5” (L) x 4.7” (W) x 2.3” (D)
Status LED’s	**- Colour**	Red/Green, Blue, Yellow
Audible Tone		Internal & external buzzer control
Colour finish		Ivory, Charcoal
Sensor		Optical
Certifications		ROHS
IP Rating		IP65
Warranty		12 Months

BIO-XK-2 M2000

The Bio XK delivers the ultimate security by combining leading edge fingerprint scanning with secure encryption and keypad to provide 1, 2 or 3 factor authentication. All within a robust weatherproof unit.

The Bio Series is supplied standard with template on card. Template on reader and/or 3rd Party database is also available. An SDK enabled unit is available for the BTBio XK and DFBio XK models to allow seamless integration with 3rd party software.

Also available is our BIO X with fingerprint scanning and secure encryption for 1 or 2 factor authentication and an SDK enabled unit is also available for the BTBio XK and DFBio XK models.

Model Features

	Technology			Authentication Factors			Encode					Encryption			Sector Keys			13.56MHz Credential type and option					Output Protocol			Other					
BIO X/XK	Mifare Classic	Mifare Plus	DESfire	Card	Biometric	Keypad	CSN/UID	Sector	Application	Random UID	Diversified Keys	Crypto 1	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	PIC PIN on Card	Custom PIN output	Indoor / Outdoor	SDK Available	Tamper option
BIOMIP2XK	✓			✓	✓	✓	✓	✓			✓	✓			✓			✓		✓			✓			✓	✓		✓		
BIOMIP3XK			✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			✓		✓		✓		✓	✓			✓		✓	✓		
BTBIOXK	✓			✓	✓	✓	✓	✓			✓	✓					✓	✓		✓				✓	✓	✓	✓		✓	✓	✓
DFBIOXK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓		✓	✓	✓		✓	✓	✓	✓

* 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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