

## BIOMETRIC READER DATASHEET

23.06.21

### PRODUCT

The BioXK is a three-factor fingerprint biometric, keypad, and MIFARE® smart card reader able to integrate seamlessly with existing systems. Can be configured as 'template and PIN on card' or for complete control, managed with miPASS Access software.



### MODEL FEATURES

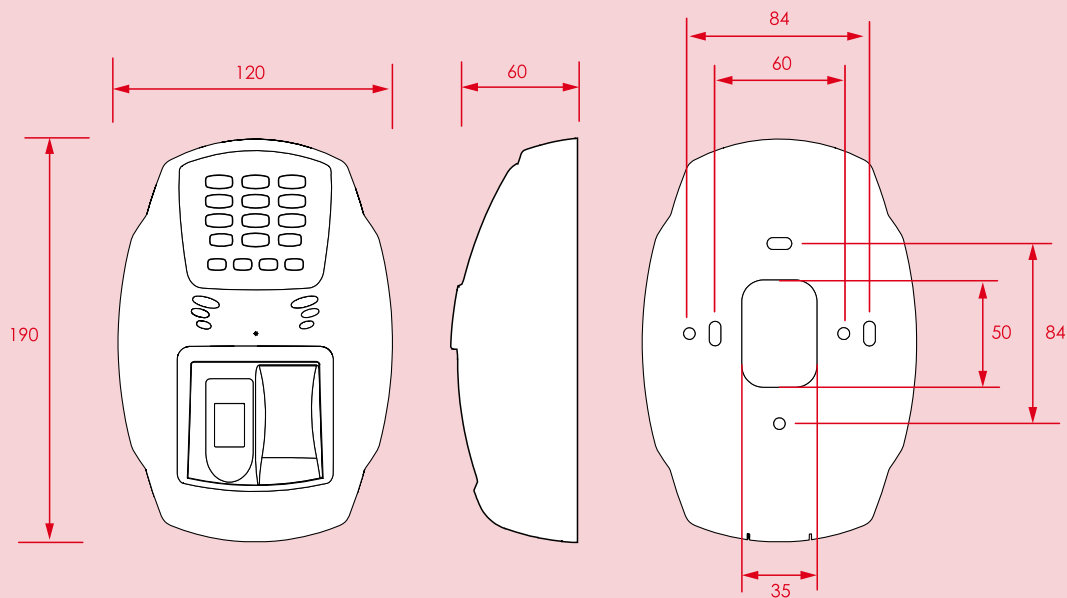
		BioXK-1	BioXK-2	BioXK-3	BioXK-4	BioXK-5	BioXK-6
Technology	125kHz						
	MIFARE Classic®	●	●	●			
	MIFARE Plus®						●
	MIFARE® DESFire®				●	●	●
Factors	Card	●	●	●	●	●	●
	Keypad	●	●	●	●	●	●
	Biometric	●	●	●	●	●	●
Encryption	CSN/UID	●	●	●	●		●
	Crypto1		●	●			●
	3DES				●		●
	AES					●	●
Keys	Diversified 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: 280mA  
Peak: 380mA
- **Card Read Range**  
20mm to 40mm (0.8" to 1.6")
- **Operating Temperature**  
-10°C to +50°C (+14°F to +122°F)
- **Relative Humidity (% max)**  
90%, operating non condensing
- **Reader Dimensions**  
190mm (7.48") X 120mm (4.72")  
X 60mm (2.36")
- **Materials**  
Reader / Shroud Body: ABS  
Plastic  
Colour Finish: Charcoal  
Mounting Bracket: Stainless  
Steel
- **Feedback**  
Green/Red/Blue LED, with  
external control  
Buzzer, with external control
- **Sensor**  
Optical fingerprint sensor
- **Keypad**  
16 button illuminated, PIN on  
Card (PoC), 8-bit COTAG, or  
custom
- **Credential Options**  
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**  
BioXK-1 – CSN Reader  
BioXK-2 – miPASS2 Reader  
BioXK-3 – Custom MIFARE  
Classic Reader  
BioXK-4 – miPASS3 Reader  
BioXK-5 – miPASS4 Reader  
BioXK-6 – Custom MIFARE  
DESFire Reader

## DIAGRAM

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



CONTACT [SALES@BQTSOLUTIONS.COM](mailto:SALES@BQTSOLUTIONS.COM) TO BE PUT IN TOUCH WITH YOUR LOCAL REPRESENTATIVE.

[WWW.BQTSOLUTIONS.COM](http://WWW.BQTSOLUTIONS.COM)