

Biometric Fingerprint Reader

BQT-BioXK-5

Three-factor fingerprint biometric & smart card reader



Features

- Triple Authentication – Fingerprint, PIN and card
- Flexible Modes – ‘Template & PIN on Card’ or miPASS control
- Custom Setup – Works with custom keys, formats, and systems
- Rugged Build – Tamper-resistant, keeps working after damage
- Secure Output – Wiegand, OSDP, Encrypted RS485
- Card-Only Storage – Templates stored only on user’s card
- Privacy Safe – No biometric images stored or collected
- Easy Installation – Simple wiring and deployment across multiple sites

Applications

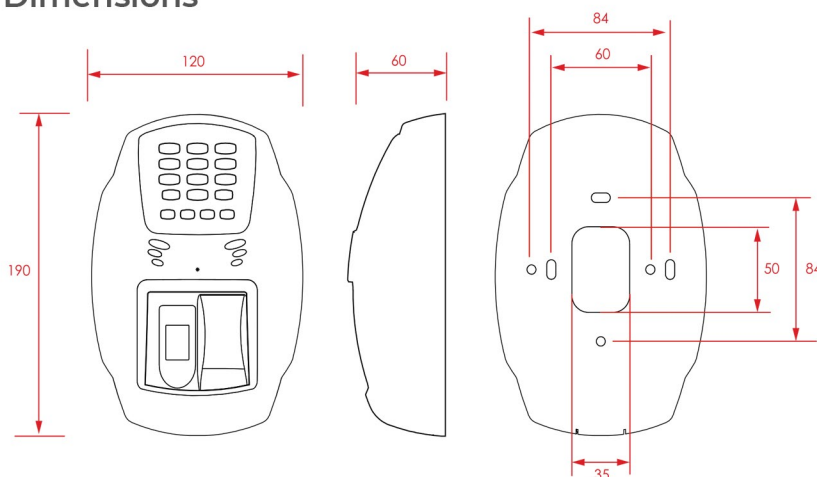
Highly security conscious sites requiring additional layers of authentication to ensure only the correct people are granted access. Often used in Military or sensitive commercial locations, the BioXK is the preferred solution where true access control is needed.



Specifications

Voltage at Reader	8VDC to 16VDC
Current Usage	Average 280mA, Peak 380mA
Card Read Range	20mm – 40mm
Operating Temperature	-10°C to +50°C
Relative Humidity	Up to 90% (non-condensing)
Materials	ABS plastic body/shroud - charcoal finish, bracket - Stainless Steel
Feedback	Green/Red/Blue LED (external control), with external control Buzzer, with external control
Sensor	Optical fingerprint sensor
Keypad	16 button illuminated, PIN on Card
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 & Certification	FCC, CE, UKCA, RCM, RoHS, IP65

Dimensions



Diagrams are not to scale. Measurements are in millimeters (mm).