

miPASS BIO X Series

The miPASS Bio X Series range offers the ultimate security by combining leading edge fingerprint scanning technology and encryption for secure user verification and authentication, limiting exposure through lost or stolen access cards. BQT's miPASS range of Mifare 13.56MHz Biometric readers is the ideal choice for high security applications. The miPASS Bio-X Series range offers the ultimate security by combining leading-edge fingerprint scanning technology and encryption for secure user verification and authentication, limiting exposure through lost or stolen access cards. Card holder's access control data and fingerprint template is encoded directly into the memory chip of the miPASS card, which is secured with encryption keys protecting the card holder's information from being compromised. The Bio-X Series reads the cardholder's data from the memory chip of a miPASS card and only transmits to a door controller once a valid finger has been presented. Authentication is performed locally within the Bio-X Series reader and does not require reference to a centralised database, thus improving performance by minimising verification time and eliminating privacy concerns. The 1:1 matching method eliminates False Acceptance Rates (F.A.R) normally prone to 1:N (1 to many) systems. Ideal for new site installations or security enhancements of any existing access control systems using Mifare, 'Swipe' or 'Prox' (125 KHz) card and reader technologies, the Bio Series offers a cost effective solution for high security requirements. Available in three different models, the miPASS Bio-X Series range caters for all high level security requirements large or small, whether your projects are price or functionality driven. miPASS BIO-X series models DESFire Technology The DESFire fingerprint reader offers 3DES encryption between a DESFire card and reader, delivering the most secure card transaction process available. It can be configured with various output protocols and programmed with customised encryption keys unique to each customer. Mifare Technology The Mifare fingerprint reader can be configured to various output protocols and programmed with customised encryption keys unique to each customer. Also upgradeable with further security enhancements when requirements increase. SPEK Technology The miP fingerprint reader features miPASS SPEK (Secure Proximity Encryption Keys) for secure transmission between a miPASS card and the reader. A secure, cost effective solution or upgrade for any system. Available in Wiegand output protocol only.