B100PROX-MF

NETWORKED BIOMETRIC READER WITH MIFARE CARD READER

B100PROX-MF is a Wiegand biometric and RFID reader for access control applications.

It offers storage up to 100 fingerprints and programmable Wiegand Output (8 to 128 bits). It can read MIFARE Classic, Ultralight and Desfire compatible cards. Configuration of the readers and fingerprint enrollment is done through PC Software.

Connection between the biometric readers is RS-485 and it is used for fingerprint transfer and configuration.

Management of the reader is integrated in our access control software PROS CS.

For integration with other systems we provide:
- Biomanager CS, client-server based software package for solutions without additional development
- CNV1000, TCP/RS-485 communication converter for connection between software and readers

ᛒK Black Edition
Product available in Black ABS

FEATURES

- Surface Mount fingerprint reader with integrated Mifare reader (13.56 MHz)
- Compatible with most Wiegand controller
- SteelCoat protective coating provides added protection of fingerprint sensor for rugged environments
- Authentication: Finger, Finger or card, Finger and Card, Finger on Card
- Storage capacity: 100 fingerprints; unlimited in Finger on Card mode
- RFID reading type: Mifare Classic 1K & 4K, Ultralight, Desfire; Finger on Card (Classic and Desfire)
- Matching time: < 2 s
- Read range: 1.5 - 5.5 cm
- Large rectangular LED allows a fast reader status reading.
- Adjustable Wiegand protocol (8 to 128-bit) is utilized in the biometric reader which makes it compatible with controllers with Wiegand interface
- Wiegand Protocol adjustment done through PC
- Programmable Backlight ON/OFF
- Separate BioManager CS Software available free when used with third party controllers
- Fingerprints stored in the reader and backup copy kept in the software
- With "Finger on card" mode, reader do not keep fingers database
- Enrolment can be done from Desktop Reader (B100PROX-USB) or reader itself
- Compatibility with XPR Control Panels: EWS
- Power Supply: 12V DC
- Consumption: 200 mA max.
- IP rating: IP54 (internal use only)
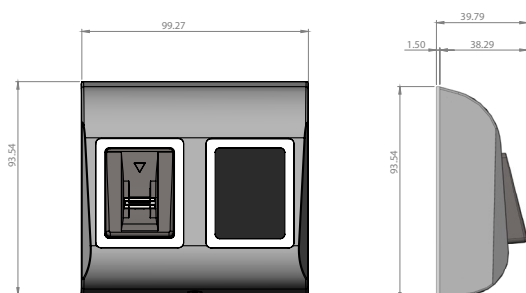- Operating Temperature: 0°C to +50°C

LEDS

ACCESS GRANTED   IDLE MODE   ACCESS DENIED

FOBS & CARDS

Ref.	PBX-1E-MS50	PBX-2-MS50	PBX-2C-MS50
Features	ABS 13.56MHz tags (1K)	ISO Card 0.75mm - 13.56MHz (1K)	NISO Card 2mm - 13.56MHz (1K)

Ref.	PBX-2-MS70
Features	ISO Card 0.75mm - 13.56MHz (4K)

DIMENSIONS

99.27   93.54   39.79   1.50   38.29   93.54

FOBS & CARDS

B100PROXS-MF
Silver - ABS

B100PROXBK-MF
Black - ABS

All product specifications are subject to change without notice.

B100PROX-MF_DS_EN_Ve3

EWSI CONTROLLER - ARCHITECTURE

B100PROX-USB
Desktop Fingerprint Reader
(optional)

Wiegand

Rs485

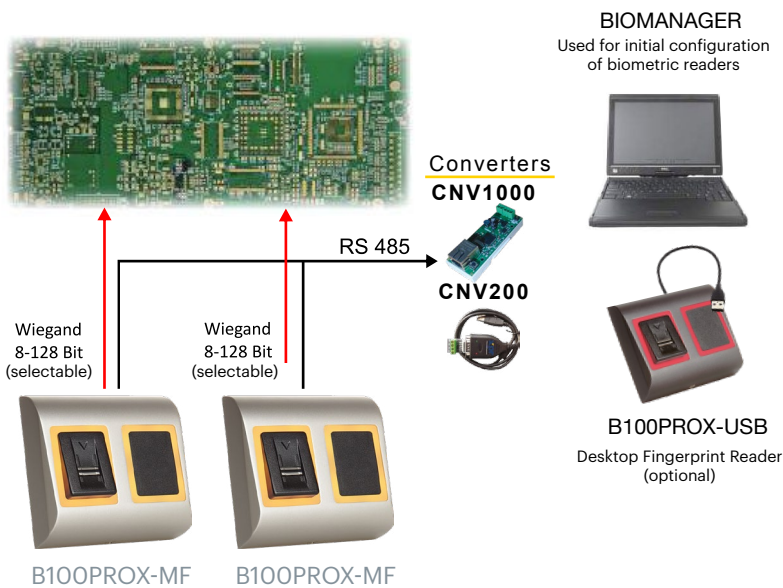B100   DINB100   B100PAD   B100   B100PROX   B100PAD
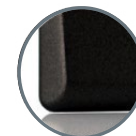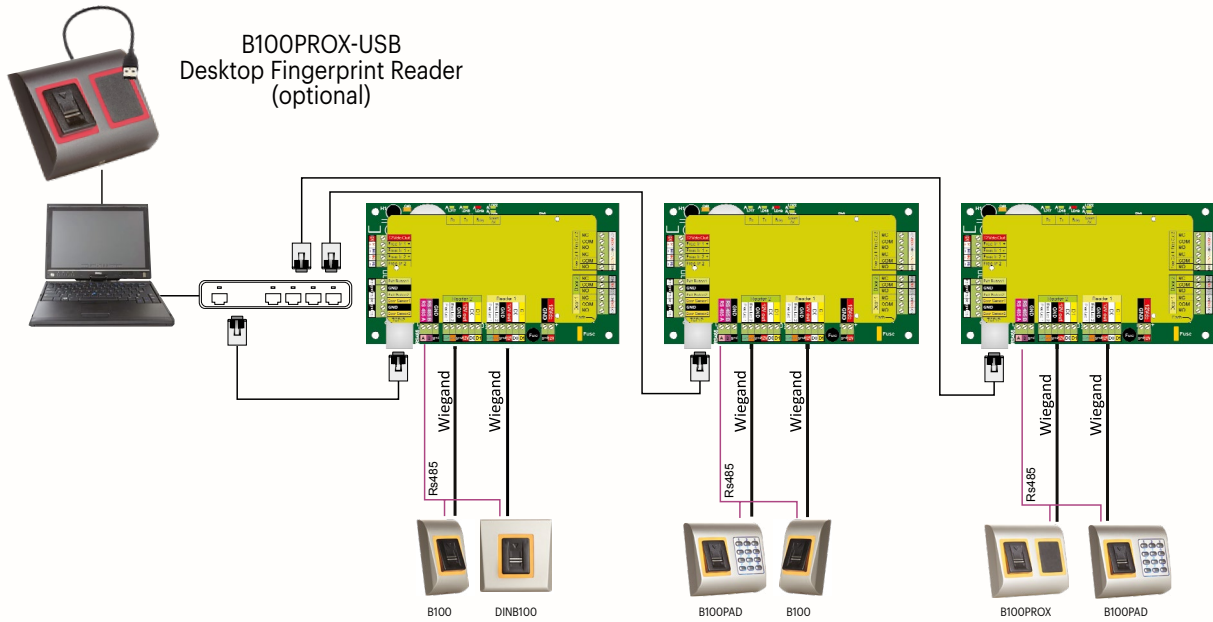
PROS CS SOFTWARE

Client Server Access Control Management Software for the EWSI Network controller system. This software enables multiple clients to connect to the system locally or remotely.

CLIENT
PROS CS
SERVER

THIRD PARTY CONTROLLER - ARCHITECTURE

BIOMANAGER
Used for initial configuration
of biometric readers

Converters
CNV1000

RS 485

CNV200

B100PROX-USB
Desktop Fingerprint Reader
(optional)

Wiegand
8-128 Bit
(selectable)

Wiegand
8-128 Bit
(selectable)

B100PROX-MF   B100PROX-MF

❯ Enrolment can be done from any biometric reader in the network or from Desktop USB Enrollment Unit.

❯ Finger templates can be sent to all readers in the network. Different Users can be sent to different Fingerprint Readers.

BIOMANAGER CS SOFTWARE

❯ Windows based PC Software.

❯ Free Fingerprint Management Software for XPR Biometric Readers.

Biomanager
CS

All product specifications are subject to change without notice.