B100PROX-EH

NETWORKED BIOMETRIC READER WITH CARD READER

B100PROX-EH 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 EM4100 or HID 125 kHz 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

bK Black Edition
*Product available in Black ABS*

FEATURES

- Surface Mount fingerprint reader with integrated RFID card reader
- Authentication: Finger, Finger or Card, Finger and Card
- Storage capacity: 100 Fingerprints
- Matching time: < 2 s
- Read range: 2-5 cm
- Large rectangular LED allows a fast reader status reading
- Enrolment can be done from Desktop Reader (B100PROX-USB) or reader itself
- Adjustable Wiegand protocol (8 to 128-bit) is utilized in the biometric reader which makes it compatible with Wiegand interface controllers
- 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
- Compatibility with XPR Control Panels: EWS
- Power Supply: 9-14 V DC
- Consumption: 150 mA max.
- IP rating: IP54 (internal use only)
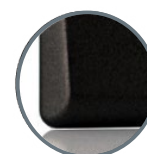- Operating Temperature: 0°C to +50°C

LEDS

Access Granted

Idle Mode

Access Denied

DIMENSIONS

99.27

93.54

39.79

1.50   38.29

93.54
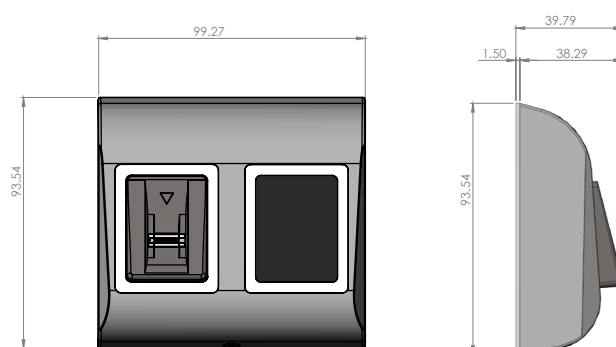
FOBS & CARDS

EM
Fobs & Cards

Ref.	PBX-1E	PBX-1C	PBX-2	PBX-2C
Features	ABS Keyfob EM4100	Leather Keyfob EM4100	0.75mm ISO Card - EM4100	2mm NISO Card - EM4100

VERSIONS

B100PROXS-EH

Silver - Metal

B100PROXBK-EH

Black - ABS

EWSI CONTROLLER - ARCHITECTURE

B100PROX-USB
Desktop Fingerprint Reader
(optional)

Wiegand Wiegand

Rs485

Wiegand Wiegand

Rs485

Wiegand Wiegand

Rs485

B100   DINB100
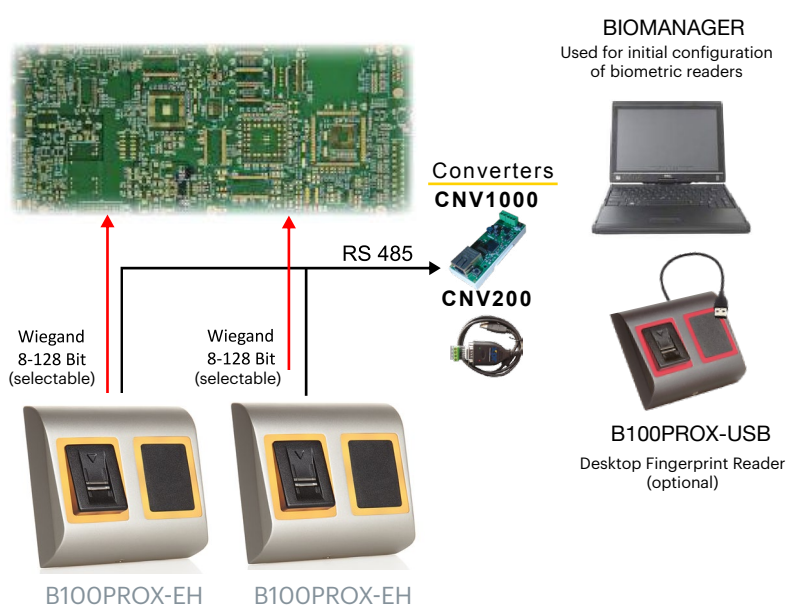
B100PAD   B100

B100PROX   B100PAD
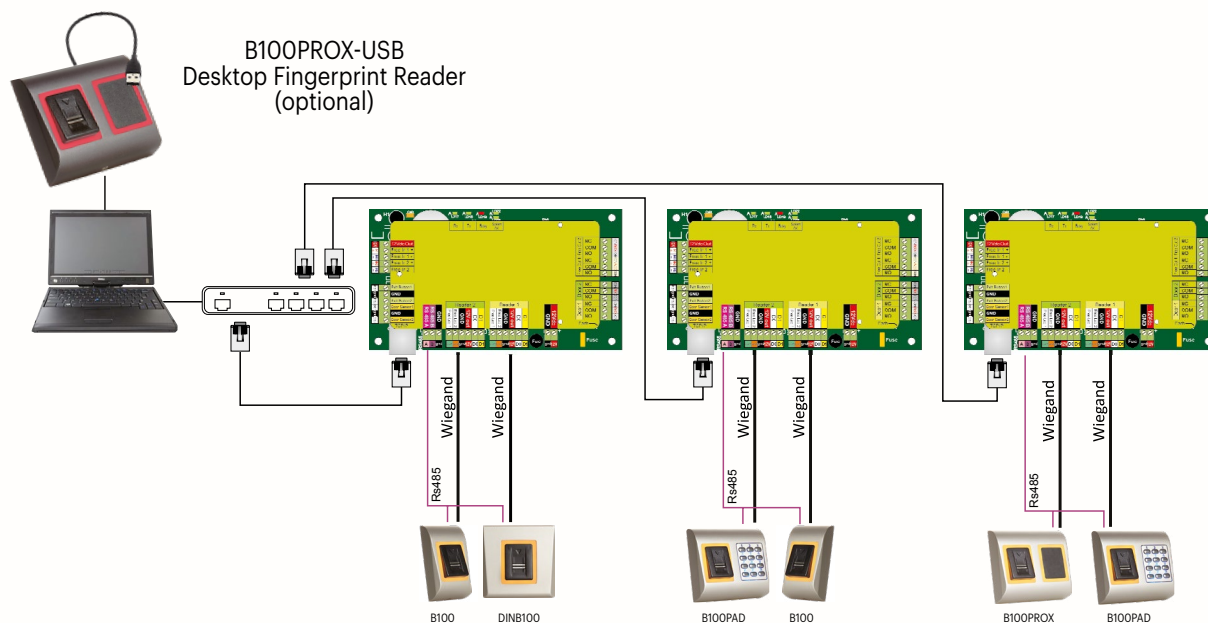
PROS CS SOFTWARE

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-EH   B100PROX-EH

❯ 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.