# DINB100

*NETWORKED BIOMETRIC READER WITH WIEGAND OUTPUT*

DINB100 is a Wiegand biometric reader for access control applications. It offers storage up to 100 fingerprints and programmable
Wiegand Output (8 to 128 bits). Configuration of the readers and fingerprint enrolment is done through PC Software.
Connection between the biometric readers is RS-485 and it is used for fingerprint transfer and configuration.
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
- Communication protocol for full integration of the readers in third party softwares

## FEATURES

- Flush mount fingerprint reader with capacitive swipe sensor
- Compatible with most of the Wiegand controllers
- SteelCoat protective coating provides added protection of fingerprint sensor for rugged environments
- Matching time: <2sec
- Storage capacity: 100 Fingerprints
- Mask: ABS
- Configuration and user management is done with software
- Enrolment can be done from Desktop Reader (B100PROX-USB) or reader itself
- Adjustable Wiegand protocol (8 to 128-bit) is utilized in the biometry reader which makes it compatible with controllers with Wiegand interface
- Green and Red LED: Externally controlled
- Wiegand Protocol adjustment done through PC
- 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
- Programmable backlight ON/OFF
- Power Supply: 9-14V DC
- Consumption: 100mA max.
- Weight: 200g
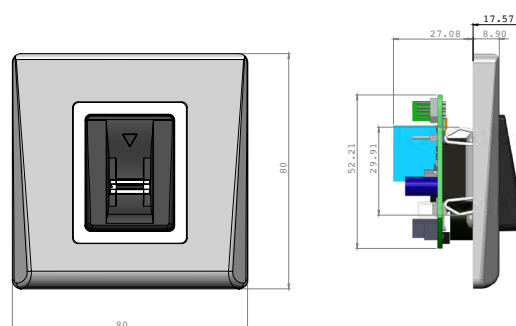- IP rating: IP54

Access Denied
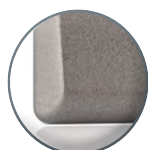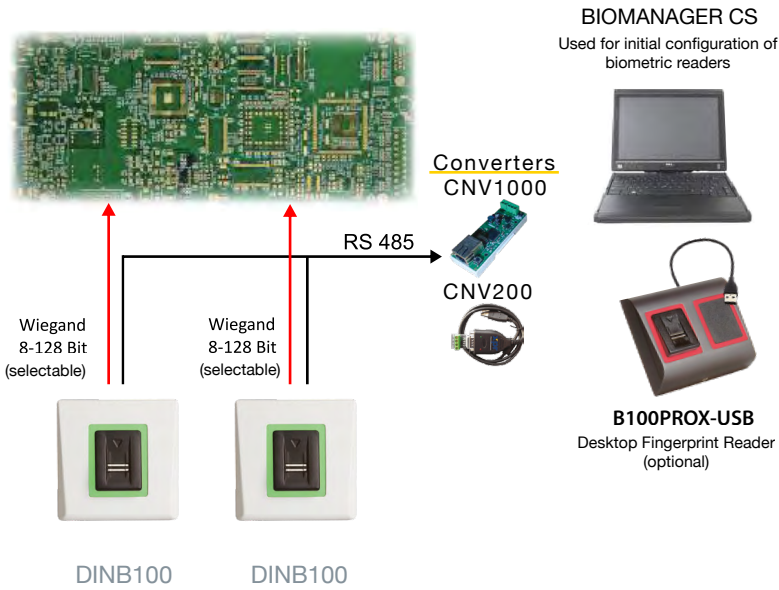
Idle Mode

Access Granted

## DIMENSIONS

17.57
27.08
8.90
80
52.21
29.91
80

## COLOURS

**DINB100S**
Silver

**DINB100C**
Charcoal

**DINB100W**
White

DINB100_DS_EN_Ve1

## THIRD PARTY CONTROLLER - ARCHITECTURE

**BIOMANAGER CS**
Used for initial configuration of biometric readers

Converters
**CNV1000**

RS 485

**CNV200**

Wiegand
8-128 Bit
(selectable)

Wiegand
8-128 Bit
(selectable)

**B100PROX-USB**
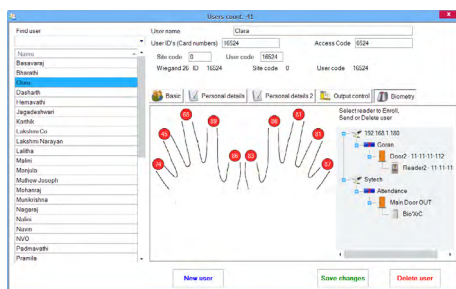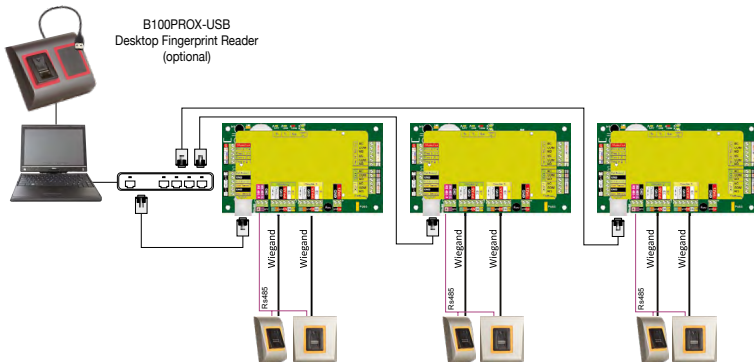Desktop Fingerprint Reader
(optional)

DINB100          DINB100

‣ 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*

## EWS CONTROLLER - ARCHITECTURE

B100PROX-USB
Desktop Fingerprint Reader
(optional)

Wiegand  Wiegand

Rs485

Wiegand  Wiegand

Rs485

Wiegand  Wiegand

Rs485
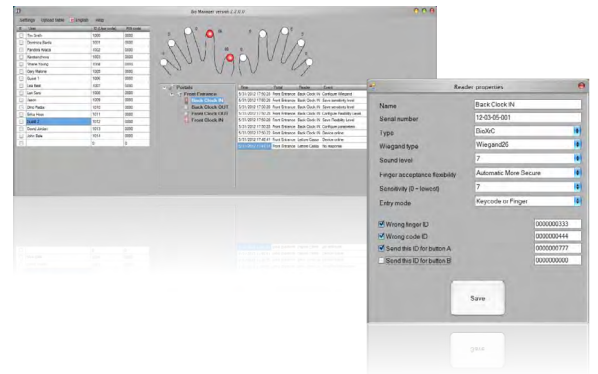
## PROS CS SOFTWARE

- Client-Server Software that allows multiple users to connect to the server PC.
- User-Friendly windows Interface for simple programming, management and control of installations.

More info about the software on:
http://www.xprgroup.com/products/pros-cs/

CLIENT
**PROS CS**
SERVER

All product specifications are subject to change without notice.