

ARD-FPBEPxx-OC - BioEntry Plus with card reader

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- ▶ Ethernet interface for TCP/IP communication
- ▶ Optional standalone user management
- ▶ Multi color LED
- ▶ Different authentication modes (fingerprint and/or card)
- ▶ EM Proximity cards

This is a slim-design fingerprint reader for installation on door frames. It is compatible with a full range of access-control applications, from a simple standalone door control to complex, networked access-control systems.

Approvals

- Europe: CE
- Americas: FCC

Functions

Authentication can be granted by reading fingerprints, cards or a combination of the two.

Access control functions:

- 128 access groups
- 128 time schedules
- Anti-passback door zones supporting 32 readers
- Tamper switch and duress finger option

Installation/configuration notes

Product compatibility:

The product is compatible with the following access controllers:

- AEC 2.1

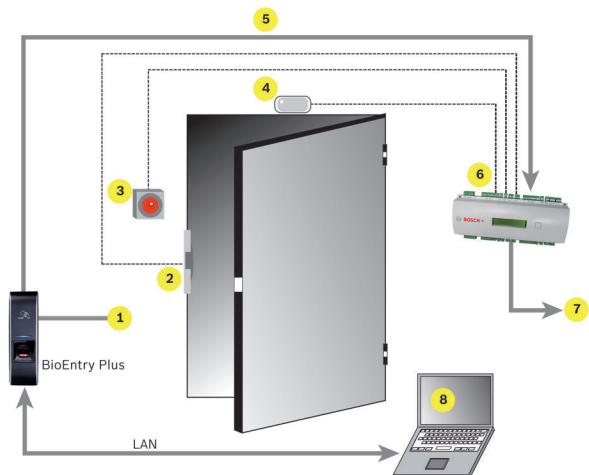
- AMC2-4W
- D9210C

Required software:

- BioStar 1.52 Express Setup utility
- Reader firmware 1.51_120323 for compatibility with the controllers listed
- The BioStar configuration software, firmware and documentation can be found at Boschsecurity.us website. Enter BioStar in the search tool.

Secure configuration example:

Combined with an access controller (e.g. AMC2 4W) a secure door control can be built as illustrated below.



1 = Power supply; 2 = Door lock; 3 = Exit button;
 4 = Door sensor; 5 = Wiegand secure communication;
 6 = AMC2 4W; 7 = Access control system;
 8 = PC with Bio Application via LAN

Technical specifications

| | |
|----------------------|---|
| CPU | 400 MHz DSP |
| Memory | 4 MB flash + 8 MB RAM |
| Fingerprint sensor | 500 dpi optical sensor |
| Identification speed | 2,000 matches in 1 second |
| Fingerprint capacity | 10,000 templates (5,000 users) |
| Log capacity | 50,000 events |
| RF card | Proximity (125 kHz EM) |
| Operation modes | Fingerprint RF card RF card + fingerprint |
| Network interface | TCP/IP, RS485 |
| Wiegand output | Configurable up to 64 bits |
| TTL I/O | 2 inputs for exit switch and door sensor |
| Internal relay | Deadbolt, EM lock, door strike, automatic door |
| Sound and interface | Multi-color LED and multi-tone buzzer |
| Operating voltage | 12 Vdc |
| Size (W x H x D) | 50 x 160 x 37 mm |

Ordering information

ARD-FPBEP-OC - with EM card reader

IP based fingerprint access control for indoor installation with fingerprint and/or card (EM Prox) identification.

Order number **ARD-FPBEP-OC**

ARD-FPBEP-OC - with HID Prox card reader

IP based fingerprint access control for indoor installation with fingerprint and/or card (HID Prox) identification.

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ARD-FPBEP-OC - with MIFARE card reader

IP based fingerprint access control for indoor installation with fingerprint and/or card (MIFARE) identification.

Order number **ARD-FPBEP-OC**

ARD-FPBEP-OC - with iCLASS card reader

IP based fingerprint access control for indoor installation with fingerprint and/or card (iCLASS) identification.

Order number **ARD-FPBEP-OC**

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