

# 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

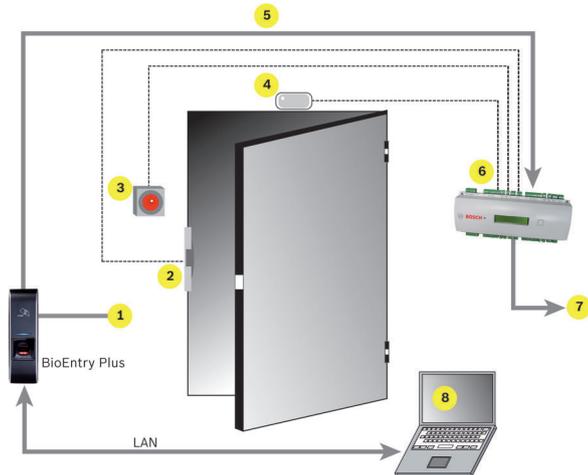
- AMC2-4W
- D9210C

#### 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](http://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<br>RF card<br>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 Fingerprint and card reader, EM**  
 IP based fingerprint access control for indoor installation with fingerprint and/or card (EM Prox) identification.

Order number **ARD-FPBEP-OC**

**ARD-FPBEP-OC Fingerprint and card reader, HIDprox**  
 IP based fingerprint access control for indoor installation with fingerprint and/or card (HID Prox) identification.

Order number **ARD-FPBEP-OC**

**ARD-FPBEP-OC Fingerprint and card reader, MIFARE**  
 IP based fingerprint access control for indoor installation with fingerprint and/or card (MIFARE) identification.

Order number **ARD-FPBEP-OC**

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