

# ARD-FPBEPxx-OC - BioEntry Plus with card reader / Americas

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

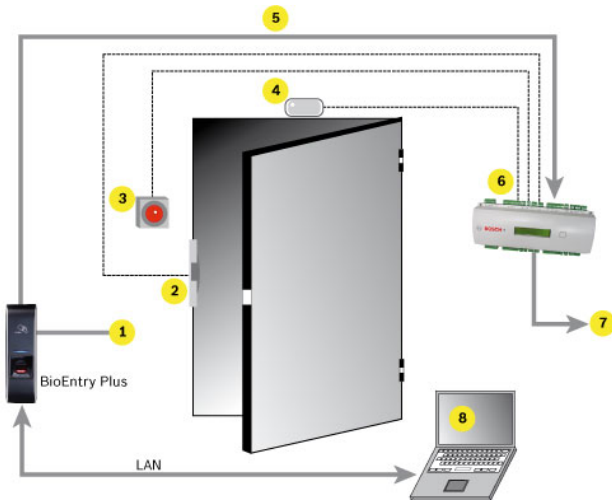
- AMC2-4W
- D9210C

#### Required software:

- BioStar Express Setup utility
- Reader firmware 1.51\_120323 for compatibility with the controllers listed

#### 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

**ARD-FPBEPHP-OC - with HID Prox card reader**

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

Order number **ARD-FPBEPHP-OC**

**ARD-FPBEPMF-OC - with MIFARE card reader**

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

Order number **ARD-FPBEPMF-OC**

**ARD-FPBEPIC-OC - BioEntry Plus with card reader / for Americas**

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

Order number **ARD-FPBEPIC-OC**

**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-FPBEPFR-OC - with EM card reader**

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

Order number **ARD-FPBEPFR-OC**

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