

ARD-FPBEPxx-OC - BioEntry Plus with card reader

www.boschsecurity.com



BOSCH
Invented for life



- ▶ 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

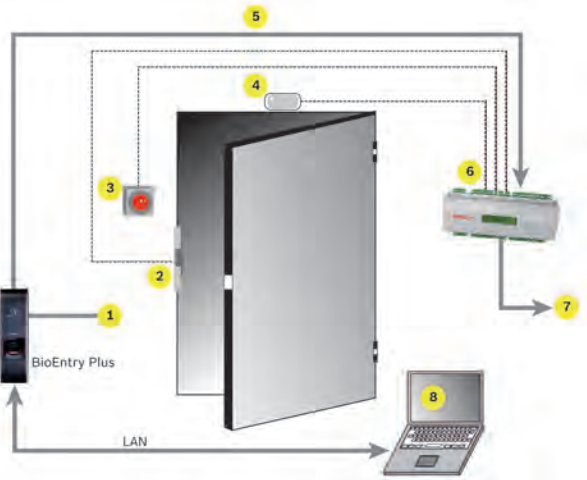
- AMC2-4W
- D9210C

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.

Order number **ARD-FPBEP-OC**

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**

Represented by:

North America:

Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security
Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

Bosch (Shanghai) Security Systems Ltd.
203 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

Latin America and Caribbean:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com