BOSCH
Invented for life

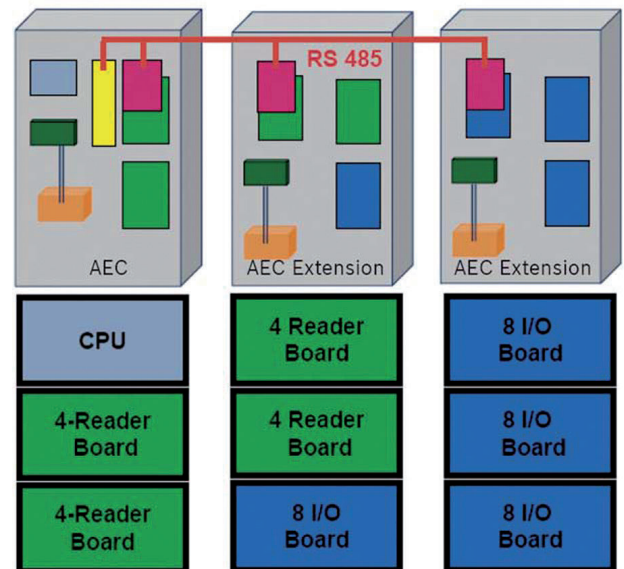# Access Easy Extension Enclosure

► **Provides room to house extension boards with more readers and Input / Output points for AEC**

► **Every Extension Enclosure communicates via RS-485 with the AEC**

► **Every Extension Enclosure requires a AEC Serial Extension board to communicates**

Access Easy Extension Enclosure (AEC EXT) provides the space for extending the basic capabilities of the AEC as and when required. In each extension enclosure, there are three available slots for either the AEC 4W EXT boards or the AEC 8I8O EXT boards. For every AEC system configuration, you can extend up to a maximum of 16 Wiegand readers and 32 Input / Output.

The extension enclosure communicates with the AEC via the AEC SER EXT (Serial Extension Board) which is required in every extension enclosure. All the rest of the extension boards are interconnected via the IDE bus port.

There are couple of ways to configure the AEC with the Access Easy Extension depending on your security system requirement. Refer to the Product Ordering Guide which will help you determine how the system should be configured.

System Overview

16 Readers, 32 I/O System
(1x AEC and 2x AEC Extension Enclosure)

Parts Included

Quant.	Component
1	AC to DC Power Supply or AC/AC Transformer
1	DC/DC Converter Board or AC to DC Power Supply Board
1	Panel Enclosure

Technical Specifications

Dimensions

Enclosure (H xW xD)	530 x 460 x 100 mm (17.9 x 20.7x3.9 inch)

Environmental

Relative Humidity	10% to 95% at 32 ℃ (+90 ℉)
Temperature (Operating)	0 ℃ to +50 ℃ (32 ℉ to 120 ℉)
Temperature (Storage)	0 ℃ to +55 ℃ (32 ℉ to 130 ℉)

Extensions

Slots	3 Extension boards

Power Requirements

Primary Voltage Input (AC)	110 VAC +10/-15% (50/60 Hz) 230 VAC +10/-15% (50/60 Hz)
Secondary Voltage Input	+5 VDC and 12 VDC for CPU board +15 VDC ±1%, 7 Ah for all other boards
Backup Battery (Optional Backup Battery: Not included in standard package	12 V DC, 7 Ah rechargeable battery

Ordering Information

AEC Extension RS 485 to extension board   AEC-SER-EXT
Access Easy Extension conversion serial RS-485 to Reader or I0 board. (1 for each extension enclosure) (AMERICAS, APR, EMEA)

Ordering Information

AEC Extension Enclosure CE   AEC-EXT-USP1
with Power Supply - Charger board, AC/DC Transformer (CE), (APR, EMEA)

AEC Extension Enclosure UL   AEC-EXT-UPS2
with Power Supply - Charger board, AC/DC Transformerr (UL), (AMERICAS)

Extension Board 4 Wiegand for AEC V 1.0   AEC-4W-EXT
Access Easy Extension - 4 Wiegand Interfaces and Door controls (8 IN/OUT), Fitting parts.

Extension 8 Input and 8 Output for AEC V 1.0   AEC-8I8O-EXT
Access Easy Extension - 8 Input 8 Output Board, Fitting parts.