

WebENTRA Compact Series

IP Access Control System

The **WebENTRA Compact Series** is a cost effective, web-based, modular access control solution comprising:

- **C302** Two-Door IP Access Controller
- **C302P** ECO Two-Door IP Controller
- **C312** Two-Door Reader Module

The **C302 / C302P** offers in a single package, support for up to 2 doors (or 4 readers) and powered by PoE+. This means that installation is easy with significant savings in wiring cost. A single Cat 5/6 cable is required for transmission of both data and power. In addition to full I/O for 2 doors, the **C302 / C302P** supports up to 20,000 cardholders and 50,000 events buffers.

Each C302 can connect up to 15 units of **C312** via CAN bus to support a maximum of 32 doors (or 64 readers).

The WebENTRA Compact series can be used in standalone mode with web browser interface, or connected to an enterprise scale host running on IBSS.web software.

WebENTRA

COMPACT Series



Key Features

2-Door IP Access Controller



- Complete 2 door access control & monitoring
- 4x Readers via RS485 or 2x Readers via Wiegand

InstaStart Quick Setup



- Advanced Plug & Play Technology for easy and quick setup
- Single button press to activate "InstaStart"

64-bit Unique Card ID



- Full compliance to ISO14443A standard for 56bit UID support
- Supports up to 64bit CardIDs

PoE^{plus} Ethernet w/ Power



- PoE (IEEE802.3af) and PoE+ (IEEE802.3at) support
- Up to 2 Amp from PoE
- Supports direct 12-15V DC supply
- Built-in battery charger with AC Fail switchover

Aluminum Extrusion Housing



- Lightweight, non-corrosive & ruggedized aluminum housing
- Easy to mount on any surface
- Anodized finishing with user-friendly silkscreened labels

AES/ SHA1 128 Bit Encryption



- HIGHLY SECURE AES and SHA1 encryption algorithms for data communication to Host Computer

50,000 Event Buffer Capacity



- Maximum buffer for 50,000 events
- 1,024 User Access Groups
- 120 Holidays
- 128 Weekly Schedules

20,000 Card IDs



- Maximum 20,000 cardholders

CANbus Auxiliary Network



- Reliable & high speed controller to controller communication
- Maximum 15x C312 door module per C302 IP controller module
- 100kbps speed over 300m

WebBrowser User Interface



- Platform independent, compatible with IE, Firefox, Safari, Chrome, etc.
- Fully supports database maintenance, event reporting and status display

Hi-Speed Card ID Download



- High performance algorithm for download times of up to 1,000 CardIDs per 4 seconds (or 250/s)

Technical Specifications

Specifications*	C302	C312	C302P
Ethernet Host Link	1000BaseT	-	1000BaseT
CAN Bus	Yes (IP Controller)	Yes (Reader Module), Maximum 15 to a IP Controller	No
InstaStart Wizard	Yes	-	Yes
Power-Over-Ethernet	IEEE802.3af (PoE) or IEEE802.3at (PoE+)	-	No
Alternate DC Power Input	12-15VDC	12-15VDC	12-15VDC
Battery Charger	Yes with minimum 14V DC input	Yes with minimum 14V DC input	Yes with minimum 14V DC input
RS485 (Device Port)	Up to 4x Readers	Up to 4x Readers	Up to 4x Readers
Wiegand Interface	2	2	2
Alarm Input / Relay Output	8 / 2	8 / 2	8 / 2
Cardholders	20,000	-	20,000
Event Buffers	50,000	-	50,000
User Access Groups	1,024	-	1,024
Holidays	120	-	120
Weekly Schedules	128	-	128
Data Encryption Algorithm	AES and SHA1	-	AES and SHA1
Current Consumption (excluding Lock)	200mA at 12VDC	150mA at 12VDC	200mA at 12VDC
Dimensions	158 x 145 x 40 mm	158 x 145 x 40 mm	130 x 145 x 20 mm
Weight	450g	400g	350g

*Specifications are subject to change without prior notice

Ordering Information

Model No.	Description
C302	WebENTRA Compact 2-Door IP Controller
C312	WebENTRA Compact 2 Door Reader Module
C302P	WebENTRA Compact ECO 2-Door IP Controller
C302G1	WebENTRA Compact Series C302 Package G1 Includes C302, RS3515, ABT7AH, AET200
C312G1	WebENTRA Compact C312 Package G1 Includes C312, RS3515, ABT7AH, AET200
C302K1	WebENTRA Compact Series C302 Package K1 Includes C302, RS7515, ABT7AH, AET300
C312K1	WebENTRA Compact C312 Package K1 includes C312, RS7515, ABT7AH, AET300
C302P-G1	WebENTRA Compact ECO C302P Package G1 Includes C302P, RS3515, ABT7AH, AET200

Accessories

RS3515	Power Supply 15VDC 2.4A Output (100 to 250VAC input)
RS7515	Power Supply 15VDC 5A Output (100 to 250VAC input)
RS15015	Power Supply 15VDC 10A Output (100 to 250VAC input)
ABT7AH	12V 7AH Lead Acid Battery
ABT12AH	12V 12AH Lead Acid Battery
AET200	WebENTRA Wall Mount Metal Enclosure (300x280x70mm)
AET300	WebENTRA Wall Mount Metal Enclosure (350x400x120mm)