

The **WebENTRA Compact Series** offers a cost-effective, web-based, modular access control solution. The **WebENTRA C302ST** is a compact controller that supports up to 2 doors (4 readers) and can be fully powered by PoE+. Installation is fuss-free and proposes significant savings in wiring cost. A single Cat 5/6 cable can be used for both data and power transmission.

The **WebENTRA C302ST** comes complete with I/Os for 2 doors with a capacity for 30,000 cardholders and 75,000 events. Each **WebENTRA C302ST** controller connects up to 15 units of the **WebENTRA C312ST** reader modules via CAN bus, and supports up to a total of 32 doors (or 64 readers).

The **WebENTRA Compact** is highly versatile and can be used standalone with a web browser interface or connected to an enterprise host running the **IBSSweb** security management software.

WebENTRA

COMPACT Series



Key Features



Effortless Setup:

InstaStart makes the setup process simple, reducing time and effort to configure any access control system



Enhanced Security:

A 64-bit card ID can accommodate a large population of credentials and eliminates the risk of ID collisions. Together with TLS 1.3 encryption, data transmission is secure with robust data integrity



Flexible Interface Selection:

Built-in with multiple reader interface options—ADNET, OSDP, CLEX, and Wiegand, offering a range of connectivity choices for seamless integration.



Extensive Capacity:

Manage access efficiently with 30,000 card IDs, transactions buffer of 75,000 events, 1,024 User Access Groups, 120 Holidays and 128 Weekly Schedules.



Versatile Power Options:

Supports PoE/PoE+ up to 2A or direct 12-15V DC supply. Built-in battery charger with AC Fail switchover ensures uninterrupted operations.



High-Speed Expansion Capability:

Connects up to 15 door/reader modules via CAN bus, at 100kbps over 200m for efficient and scalable control of up to 32 doors.



Web-Ready Management:

Built-in web server for Edge, Chrome, Safari and others makes it convenient to do database management, event reporting, and display device status



Direct to Cloud:

Easy to navigate through an internet router and connect to a server in the cloud.



Seamless Integration with IBSSweb:

Integrate and manage with the IBSSweb Enterprise Security Management Software to streamline control and monitoring



Durable and User-friendly:

Non-corrosive metal housing for long-lasting performance. Silkscreen labels on front facing panels aid installation and termination.

Technical Specifications

Specifications*	C302ST	C312ST	C302STP
Ethernet Host Link	100BaseT	-	100BaseT
CAN Bus	Yes (IP Controller)	Yes (Door Module), Maximum 15 to the IP Controller	No
InstaStart Wizard	Yes	-	Yes
Power-Over-Ethernet	IEEE802.3af (PoE) or IEEE802.3at (PoE+)	-	No
Alternate DC Power Input	12-15VDC		
Battery Charger	Yes with minimum 15V DC input		
RS485 (Device Port)	Up to 4x Readers		
Wiegand Interface	2		
Alarm Input / Relay Output	8 / 2		
Cardholders	30,000	-	30,000
Event Buffers	75,000	-	75,000
User Access Groups	1,024	-	1,024
Holidays	120	-	120
Weekly Schedules	128	-	128
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
C302ST	WebENTRA Compact 2-Door IP Controller
C312ST	WebENTRA Compact 2 Door Reader Module
C302STP	WebENTRA Compact ECO 2-Door IP Controller
C302STG1	WebENTRA Compact C302ST Package G1, Includes C302ST, RS3515, ABT7AH, AET200C
C312STG1	WebENTRA Compact C312ST Package G1, Includes C312ST, RS3515, ABT7AH, AET200C
C302STG2	WebENTRA Compact C302ST Package G2, Includes C302ST, RS3515, AET200C
C312STG2	WebENTRA Compact C312ST Package G2, Includes C312ST, RS3515, AET200C
C302STK1	WebENTRA Compact C302ST Package K1, Includes C302ST, RS10015, ABT7AH, AET300C
C312STK1	WebENTRA Compact C312ST Package K1, Includes C312ST, RS10015, ABT7AH, AET300C
C302STK2	WebENTRA Compact C302ST Package K2, Includes C302ST, RS10015, AET300C
C312STK2	WebENTRA Compact C312ST Package K2, Includes C312ST, RS10015, AET300C
C302STPG1	WebENTRA Compact ECO C302STP Package G1, Includes C302STP, RS3515, ABT7AH, AET200C
C302STPG2	WebENTRA Compact ECO C302STP Package G2, Includes C302STP, RS3515, AET200C

Accessories

RS3515	Power Supply 15VDC 2.4A Output (100 to 250VAC input)
RS10015	Power Supply 15VDC 7A Output (100 to 250VAC input)
ABT7AH	7AH 12VDC Lead Acid Battery
ABT12AH	12AH 12VDC Lead Acid Battery
AET200C	AET200C Wall Mount Metal Enclosure (300x280x70mm)
AET300C	AET300C Wall Mount Metal Enclosure (350x400x120mm)