



BRIVO ACS300 CONTROLLER

The Brivo ACS300 is our next generation of Ethernet/Wi-Fi controller designed to support components of Brivo Access control platforms.

Building blocks for Brivo cloud-based security

Brivo's controllers are the supporting components of your Brivo access control platform. The ACS300-E is used for Brivo Access accounts.

KEY FEATURES:

- Supports:
 - Brivo Smart Readers as well as OSDP and Weigand readers
 - Up to 2 card readers per control panel
 - Brivo Mobile Pass
 - Select Brivo wireless lock integrations
- Host communication via ethernet or WiFi
- Host authentication via digital certificates
- IP-based access control and alarms
- Power over Ethernet (PoE+)
- Encrypted storage and communications



ORDERING INFORMATION BRIVO ACCESS

B-ACS300-E controller (controller board in compact plastic mountable enclosure)

ORDERING INFORMATION

B-ACS300-A controller (controller board in compact plastic mountable enclosure)



ACS300 CONTROLLER SPECIFICATIONS

ACS300-E (for Brivo Access)

| | | | |
|--------------------------------|---|--|---|
| Total number of credentials | Unlimited credentials per ACS300-E controller when connected to Brivo Access. Up to 250,000 credentials per controller while offline. | | |
| Maximum number of card readers | 2 | | |
| Event history | 60,000 events (FIFO) offline from host | | |
| Input points | 8 inputs per controller On board; (2) door position inputs; (2) Request to exit inputs; (4) Auxiliary inputs | | |
| Output relays | 6 outputs per controller (2) non-latching wet (12V, 350mA) or dry (6A @ 28VDC) selectable door lock relays, plus (4) general purpose dry relays (6A @ 28VDC) | | |
| Authentication and encryption | Both ACS300 models use TLS1.2+, with AES256 encryption and SHA256 certificate with a 4096 bit key length | ACS300-A supports FIPS140-2 validated encryption module with optional license per controller | Both ACS300 models provide OSDP support for Secure Communication Protocol (SCP) |
| Max power consumption | 12VDC @ 2.5A peak with all outputs at maximum allowed current limits. | | |
| Card reader inputs | (2) Wiegand Ports or (1) RS-485 Port for (2) OSDP Readers | | |
| Temperature and humidity range | Operating temperature: 32°F to 125°F, (0°C to 49°C) Humidity; Max 85% non-condensing | | |
| Included components | (2) MOV surge suppressors | | |
| Input Power | Recommended: Power over Ethernet (PoE+) from network switch or PoE+ injector Alternate: 12VDC, 2.5A - power supply (not included) | | |
| Output Reader Power | The controller can also supply power to the card reader devices: Each Wiegand Card Reader Port can supply 350mA @ 12VDC RS-485 Port can supply a total of 350mA @12VDC | | |
| Enclosure dimensions | 7.4"W x 7.5"H x 1.5"D (187mm x 190mm x 40mm) | | |
| Host communications | Ethernet 10/100Mbps or WiFi IEEE 802.11 b/g/n (2.4GHz) | | |
| Compliance | Access Control UL294/    Part 15 Class A Compliant  Compliant | | |



Call us at **866.692.7486** to learn more about the ACS300 controller

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