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-B is used for Brivo Access accounts.





FEATURES:

- Supports:
  - Brivo Smart Readers and Door Stations as well as other OSDP / Wiegand Readers
  - Up to 2 physical card readers per control panel
  - Brivo Mobile Pass and Brivo Wallet Pass
  - Select Brivo wireless lock integrations
- Cloud 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

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

ACS300 CONTROLLER SPECIFICATIONS

ACS300-E-B (FOR BRIVO ACCESS)	
TOTAL NUMBER OF CREDENTIALS	Unlimited credentials per ACS300-E-B 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	ACS300 uses TLS1.2+, with AES356 encryption and a SHA256 certificate with a 4096 bit key length. The ACS300 model provide OSDP 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
WIRELESS DOOR LOCKS	Up to 30 per ACS300 control panel
TEMPERATURE AND HUMIDITY RANGE	Operating temperature: 32oF to 125oF, (0oC to 49oC) Humidity; Max 85% non-condensing
INCLUDED COMPONENTS	(2) MOV surge suppressors
INPUT POWER	Recommended: PoE+ (802.3at) 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/ UL LISTED | CE | FC Part 15 Class A Compliant | RoHS Compliant

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Call us at 866.692.7486 to learn more.

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