



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		