BRIVO ACS300 CONTROLLER

The Brivo ACS300 is our next generation of Ethernet/Wi-Fi controller designed to support components of the Brivo Onair® and Brivo Onsite Server access control platforms.

Building blocks for Brivo cloud-based and on-premise building security

Brivo's controllers are the supporting components of your Brivo access control platform. The ACS300 controllers are provided in two models. The ACS300-E is used for Brivo Onair accounts and the ACS300-A is used with the Brivo Onsite Server.

APPLICATIONS

- IP based access control and alarms

- Supports up to 2 card readers per controller

- Supports Brivo Onair Pass credentials

- Host Communication via Ethernet and/or Wi-Fi

- Encrypted storage and communications

- Power over Ethernet (PoE+)

- Host authentication via digital certificates

- Supports Wiegand and OSDP compatible readers

- Supports select wireless door locks
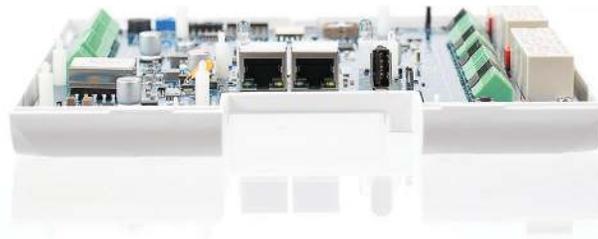
ORDERING INFORMATION BRIVO ONAIR

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

ORDERING INFORMATION BRIVO ONSITE SERVER

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

ORDERING INFORMATION – ASSOCIATED COMPONENTS

B-ACS300-A-FIPS (includes a FIPS module license key)

ACS300 CONTROLLER SPECIFICATIONS

	ACS300-E (for Brivo Onair)	ACS300-A (for Brivo Onsite Server)
Total number of credentials	Unlimited credentials per ACS300-E controller when connected to Brivo Onair. Up to 250,000 credentials per controller while offline.	Up to 500,000 credentials per ACS300-A controller while connected to Brivo Onsite Server. Up to 250,000 credentials per controller when 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	
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 temp: 32ºF to 125ºF, (0ºC to 49ºC) 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 10/100 Mbps or WiFI IEEE 802.11 b/g/n	
Compliance	Access Control UL294/ UL LISTED	CE	FCC Part 15 Class A Compliant	RoHS Compliant	

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simply better security

Call us at **866.692.7486** to learn more about the ACS300 controller or to see how they work with Brivo Onair or Brivo Onsite Server.