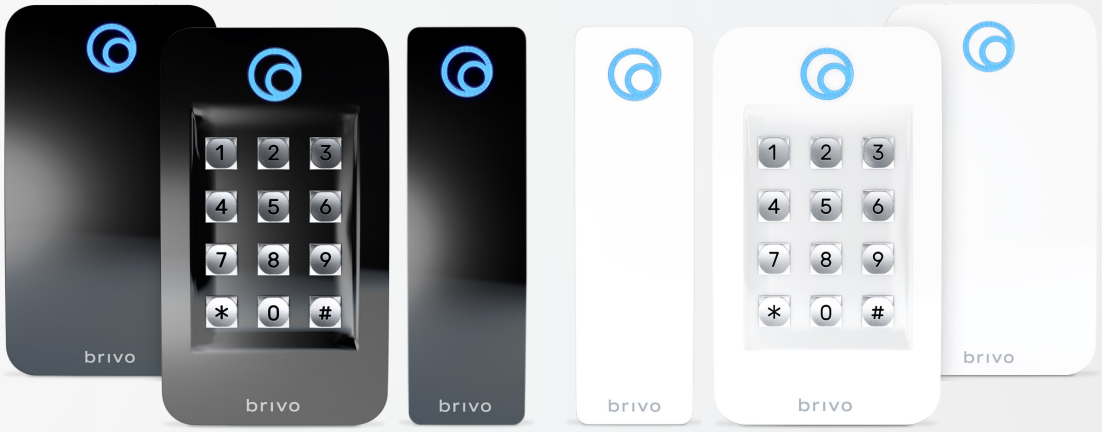
BRIVO ACS100

The Brivo ACS100 is a combination control panel and credential reader.

The Brivo ACS100 is a supporting component of your Brivo security platform. The Brivo ACS100 combines a multi-credential reader with a powerful access control panel in a single device. When used with Brivo Mobile Pass, the ACS100 allows touchless entry.



The Brivo ACS100 is indoor/outdoor rated (IP55) and available in mullion, single gang and keypad versions.

APPLICATIONS & BENEFITS

Simplifies Installation

Supports a single wire installation for network connection and powering devices at the door.

Enables Modular Expansion

Start with one door or hundreds and enjoy full functionality from the start. Add a second reader for anti passback applications.

Provides Flexibility

Supports multiple credential types including Mobile, Smart Cards, Proximity Cards and PINs. Can be powered via PoE or 12VDC input.

Industry leading security in a beautiful package

Encrypted data storage and communications in an attractive device with three form factors and two color options.



BRIVO ACS100-E READER/CONTROLLER SPECIFICATIONS

System Compatability	Compatible with Brivo Acccess and Brivo Onair		
Total Number of Credentials	Unlimited credentials per ACS100-E when connected to Brivo Access. Up to 250,000 credentials while offline.		
Mobile Credential Support	Supports Brivo Mobile Pass direct BLE connection and pulse via cloud features. Certain 3rd partymobile credentials are supported through pulse via cloud feature		
Maximum Number of Readers	1 internal OSDP reader, 1 optional external OSDP reader		
Event History	60,000 events offline from Brivo Access, unlimited events online		
Inputs	1 auxiliary input, 1 door position input and 1 request-to-exit (REX) input		
Output Relay	Available switched ground that can be configured as Normally Open (Normal) or Normally Closed (Energized) for maglock applications up to 3A@24VDC (when using an external power supply to power the lock solenoid). 12VDC source present for door strike applications (no external power supply needed for the door lock relay)		
Authentication & Encryption	TLS1.2+, with AES256 encryption, SHA256 certificate, 4096 bit key length. Secure Communication Protocol (SCP) OSDP support for OSDP reader.		
Card Reader Input	1 external OSDP Reader via RS-485		
Input Power	PoE (802.3af) or 12VDC@2A		
Output Power	**12VDC** 650mA at 45° C 500mA at 65° C	**PoE** 650mA at 40° C 500mA at 60° C	
Dimensions (width x length x depth)	**Mullion** 1.7 in x 5.7 in x 0.9 in 43.2 mm x 144.8 mm x 22.9 mm	**Single Gang & Keypad** 3.3 in x 5.7 in x 0.9 in 83.8 mm x 144.8 mm x 22.9 mm	
Product Weight	**Mullion** 0.4 lbs 0.18 kg	**Single Gang** 0.5 lbs 0.23 kg	**Keypad** 0.6 lbs 0.27 kg
Environmental Rating	-40° to 150° F (-40° to 65° C) if 12VDC powered -40° to 140° F (-40° to 60° C) if PoE powered Humidity: Max 85% non-condensing IP 55, suitable for indoor or outdoor use		
Communication Interface Protocol	Ethernet 10/100 Mbps		
Read Range	1 - 6' with Brivo Mobile Pass** 1 - 1.5" with 13.56Mhz B-SC series encrypted smart cards 2 - 4" with 125Khz non-encrypted proximity cards		
ACS100 supports Brivo Mobile Pass, 13.56MHZ Smart cards and 125KHZ Proximity cards. MIFARE and DESFIRE Credentials are supported via CSN. Brivo Smart Credentials are supported using the LEAF standard.			
Compliance	Access Control UL294/ UL LISTED | CE | FC Part 15 Class A Compliant | RoHS Compliant		

**Range will vary depending on environmental conditions.

BRIVO ACS100-E READER/CONTROLLER MODEL OPTIONS

PART NUMBER	MOUNTING	BLUETOOTH 3.4.0+ BRIVO MOBILE PASS	13.56MHZ ENCRYPTED SMART CARDS	125KHZ PROXIMITY CREDENTIALS	KEYPAD
B-ACS100-E-BSPM-B	Mullion	X	X	X	
B-ACS100-E-BSPM-W	Mullion	X	X	X	
B-ACS100-E-BSPS-B	Single Gang	X	X	X	
B-ACS100-E-BSPS-W	Single Gang	X	X	X	
B-ACS100-E-BSPK-B	Single Gang	X	X	X	X
B-ACS100-E-BSPK-W	Single Gang	X	X	X	X
B-ACS100-E-BSM-B	Mullion	X	X		
B-ACS100-E-BSM-W	Mullion	X	X		
B-ACS100-E-BSS-B	Single Gang	X	X		
B-ACS100-E-BSS-W	Single Gang	X	X		
B-ACS1v00-E-BSK-B	Single Gang	X	X		X
B-ACS100-E-BSK-W	Single Gang	X	X		X
COMPATIBLE SMART ENCRYPTED CREDENTIALS					
B-SC50*	Brivo DESFire EV2-4K Compatible with B-B and B-S series		X	X	
B-SCP50*			X	X	X

* Glossy dual side printable CR80 card.



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