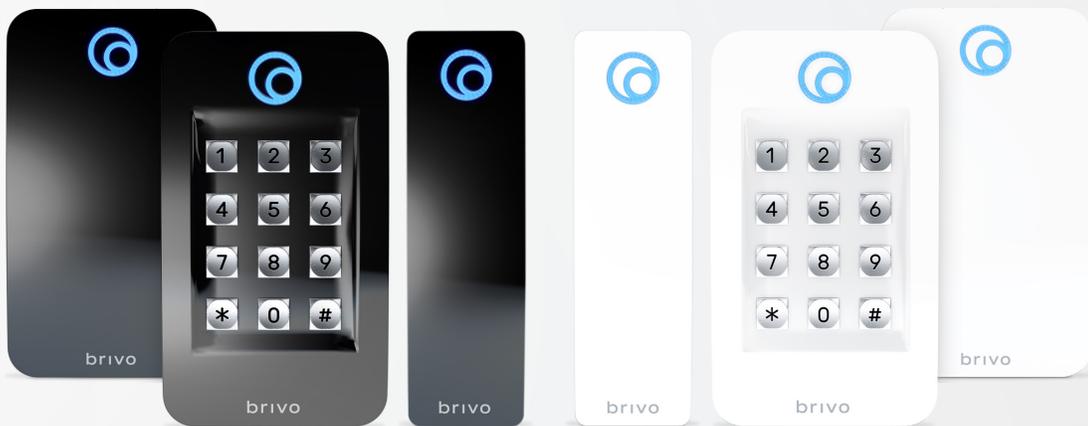




## BRIVO ACS100 READER/CONTROLLER

The Brivo ACS100 reader/controller is a single door control panel combined with a Brivo Smart Reader.

Brivo controllers are a supporting component of your Brivo access control platform. The ACS100 reader/controller is designed for use with Brivo Onair and Brivo mobile credentials to support Brivo's Fluid Access feature, allowing authorized users with Brivo Mobile Pass to unlock doors by simply touching the ACS100.



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

### APPLICATIONS & BENEFITS

#### Lowens hardware costs

for simple single door installations

#### Provides the flexibility

to use mobile or traditional physical credentials

#### Offers the option to use a second reader

for in/out antipassback applications

#### Meets building physical security requirements

and aesthetic preferences with indoor/outdoor rating, three form factors and two colors to choose from

#### Provides encrypted data storage

and communications

#### Supports the transition

to modern, secure credentials



# ACS100-E CONTROLLER SPECIFICATIONS

ACS100-E (for Brivo Onair)	
Total number of credentials	Unlimited credentials per ACS100-E controller when connected to Brivo Onair. Up to 250,000 credentials per controller while offline.
Maximum number of readers	1 internal OSDP reader, 1 optional external OSDP reader
Event history	60,000 events (FIFO) offline from host
Input points	1 auxiliary input, 1 door position input and 1 request-to-exit (REX) input
Output relays	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
Temperature & humidity range	-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
Input power	PoE or 12VDC@2A
Output power	12VDC: 650mA at 45° C 500mA at 65° C
	PoE: 650mA at 40° C 500mA at 60° C
Dimensions	Mullion: 1.7" X 5.7" X 0.9"   Standard and Keypad: 3.3" X 5.7" X 0.9"
Host communication	Ethernet 10/100 Mbps
Compliance	UL294, CUL, CE, FCC Part 15 Class B/C, RoHS