ACS5000-A/ACS5008-A Control Panels

brivo ®

Powerful security made simple.

The ACS5000-A and ACS5008-A control panels are shipped as complete two-reader control panels—including UL-listed chassis and power supplies—that are designed to work with the ACS OnSite Aparato™ solution. One additional ACS5000 expansion board can be mounted into the ACS5000-A chassis and up to three additional ACS5000 expansion boards can be mounted into the ACS5008-A chassis. Both the ACS5000-A and the ACS5008-A can support up to 14 expansion boards. This can be in any combination of door boards or I/O boards.

IP-based Control Panel for ACS OnSite Aparato
• FIPS 140-2 validated embedded encryption modules for use with ACS OnSite Aparato
• Supports up to 14 expansion boards for up to 30 readers per panel

Ordering Information
ACS5000-A – ACS5000 control panel* (standard size chassis)
ACS5008-A – ACS5000 control panel* (large chassis)
*Power supply, transformer, and battery included

Ordering Information – Associated ACS5000 Series Components
ACS-Aparato BA xx* – ACS Onsite Aparato (See MSRP for model options)
ACS5000-DB – ACS5000 Door expansion board
ACS5000-IO – ACS5000 Input/Output expansion board
ACS5000-EXP – Expansion chassis** (2 board capacity)
ACS5008-EXP – Large expansion chassis** (4 board capacity)
* See all options for capacity on the MSRP.
** Power supply, transformer, and battery included.

Service and Support
• Toll-free telephone and email support
• User manual, online help, and installation guide
• Professional services available for fast and seamless system implementation; options include training, technical support, and conversion of legacy systems and databases

ACS5000-A/ACS5008-A
Control Panel Specifications

Total number of active card holders	Total card holder capacity is linked to the Aparato license providing up to 500,002 card holders. Panels enable both static and dynamic caching of card holders in local memory using Brivo's Dynamic Credential Synchronization Protocol (DCSP).
Maximum number of readers	Up to 30 per master panel
Event history	50,000 events per panel
Maximum number of input points	Up to 120 per ACS5000-A/ACS5008-A
Maximum number of output relays	Up to 118 per ACS5000-A/ACS5008-A
Maximum number of ACS5000-IO and/or ACS5000-DB expansion boards	Up to 14 per ACS5000-A/ACS5008-A
Authentication and encryption	128-bit SSL
Inputs points on ACS5000-A board (optional 4 state supervision)	(2) Door position points; (2) Request to Exit points; (4) Auxiliary input points
Output relays on ACS5000-A board	Form C (SPST) 3A @24VDC – (2) Lock switching; (4) Auxiliary output relays
Power consumption	12VDC @ 500mA peak with all relays engaged (board only)
Communication bus wiring	CAN Bus - Use CAT5 (or higher) UTP cable up to 1,500 feet
Temperature and humidity range	Operating Temp: 32° to 125° F, (0° to 49° C) Humidity: Max 85% non-condensing
ACS5000-A board dimensions	5"h x 11.5"w
Included components	(2) MOV surge suppressors and (16) 2K ohm End-of-Line resistors
Expansion board capacity	ACS5000-A: Capacity for (1) additional ACS5000-IO or ACS5000-DB; ACS5008-A: Capacity for (3) additional boards, may be a combination of ACS5000-IO and ACS5000-DB
Power supply (included)	12VDC @ 3A (Supports expansion boards and readers only) Aux output – 12VDC @ 250mA (Not to be used for lock power)
Transformer (included)	16.5VAC 40VA
Standby batteries and cables (Included)	ACS5000-A: (1) 12VDC 7Ah Rechargeable ACS5008-A: (2) 12VDC 7Ah Rechargeable
Control chassis dimensions	ACS5000-A: 15"h x 15"w x 3.75"d ACS5008-A: 23.5"h x 15"w x 3.75"d
ACS5000-A / ACS5008-A enclosure details	NEMA type 1, tamper switch, key locks, and knockouts
Compliance	Listed 33HR	Access Control UL294/ULC Listed, CE Certified

Powerful security made simple.

Learn more at www.brivo.com/demo or email demo@brivo.com to arrange a personal demonstration.

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