ACS5000-E/ACS5008-E Control Panels

Brivo
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The ACS5000-E and ACS5008-E control panels are shipped as complete two-reader control panels including UL-listed chassis and power supplies that are designed to be connected to a Brivo OnAir® account. One additional ACS5000 expansion board can be mounted into the ACS5000-E chassis and up to three additional ACS5000 expansion boards can be mounted into the ACS5008-E chassis. Both control panel systems can support up to 14 expansion boards for up to 30 connected readers per control panel. An unlimited number of ACS5000-E and ACS5008-E control panel systems can be connected to a Brivo OnAir® account for full scalability up to an enterprise level system. Setup for communication to the host takes minutes using the default DHCP configuration, or the panel can be configured with static IP addresses.

Ethernet Control Panel for Brivo OnAir®
• Great for single or multi-site applications
• Communicates via LAN/Internet
• Supports up to 14 expansion boards for up to 30 readers per panel
• Unlimited number of panels per Brivo OnAir® account

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

Ordering Information – Associated ACS5000 Series Components

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)
*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, conversion of legacy systems and databases

ACS5000-E/ACS5008-E
Control Panels

Communications	Internet via Ethernet connection using port 443 outbound
Authentication and encryption	X509 Digital Certificates and 128-bit SSL
Total number of active card holders	25,000 user credentials per panel
Maximum number of readers	Up to 30 per panel system
Event history	6,000 events (FIFO) offline from host
Maximum number of input points	Up to 120 per ACS5000-E/ACS5008-E
Maximum number of output relays	Up to 118 per ACS5000-E/ACS5008-E
Maximum number of ACS5000-IO and/or ACS5000-DB expansion boards	Up to 14 per ACS5000-E/ACS5008-E
Inputs points on ACS5000-E board (optional 4 state supervision)	(2) Door position points; (2) Request to Exit points; (4) Auxiliary input points
Output relays on ACS5000-E 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
Included components	(2) MOV surge suppressors and (16) 2K ohm End-of-Line resistors
Expansion board capacity	ACS5000-E: Capacity for (1) additional ACS5000-IO or ACS5000-DB; ACS5008-E: 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-E: (1) 12VDC 7Ah Rechargeable ACS5008-E: (2) 12VDC 7Ah Rechargeable
Control chassis dimensions	ACS5000-E: 15"h x 15"w x 3.75"d ACS5008-E: 23.5"h x 15"w x 3.75"d
ACS5000-E / ACS5008-E enclosure details	NEMA type 1, tamper switch, key locks, and knockouts
Compliance	Access Control UL294/ULC Listed, CE Certified

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

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