

# ACS5000-W/G Control Panel



*Powerful security made simple.*

The ACS5000-W/G control panel is shipped as a complete two-reader control panel including UL-listed chassis and power supply that is designed to be connected to a Brivo ACS WebService™ account. One additional ACS5000 expansion board can be mounted into the ACS5000-W/G chassis. The ACS5000-W/G control panel system can support up to 14 expansion boards for up to 30 connected readers per control panel. An unlimited number of ACS5000-W/G control panel systems can be connected to an ACS WebService account for full scalability up to an enterprise level system. All antenna components are included with each ACS5000-W/G. Setup for communication to the host takes minutes by connecting to a secure cellular wide-area network.

## Wireless Control Panel for ACS WebService

- Perfect for remote buildings, gates—anywhere access control is needed, but there is no network infrastructure
- Communicates via cellular network
- Supports up to 14 expansion boards for up to 30 readers per panel
- Unlimited number of panels per ACS WebService account

## Ordering Information

ACS5000-W/G – ACS5000 wireless control panel for ACS WebService systems only (Includes power supply, battery, transformer, and all antenna hardware)

## 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, and custom branding

# ACS5000-W/G Control Panel Specifications

Communications	Motorola Cellular Data Modem using GSM cellular data (GPRS)
Cellular carrier	AT&T preconfigured in the account setup
Authentication and encryption	X509 Digital Certificates and 128-bit SSL
Total number of active card holders	25,000 user credentials
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-W/G
Maximum number of output relays	Up to 118 per ACS5000-W/G
Maximum number of ACS5000-IO and/or ACS5000-DB expansion boards	Up to 14 per ACS5000-W/G
Inputs points on ACS5000-W/G board (optional 4 state supervision)	(2) Door position points; (2) Request to Exit points; (4) Auxiliary input points
Output relays on ACS5000-W/G 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 Humidity: Max 85% non-condensing	Operating Temp: 32° to 125° F, (0° to 49° C)
Included components	(1) 9" High 5 dB gain antenna, (1) 6" Coaxial modem-antenna connector, (1) 15' Coaxial antenna extension cable, (1) Antenna mounting bracket, (2) MOV surge suppressors, and (16) 2K ohm End-of-Line resistors
Expansion board capacity	Capacity for (1) additional ACS5000-IO or 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)	(1) 12VDC 7Ah Rechargeable
Control chassis dimensions	15" h x 15" w x 3.75" d
ACS5000-W/G 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](http://www.brivo.com/demo) or email [demo@brivo.com](mailto:demo@brivo.com) to arrange a personal demonstration.



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