



# BRIVO ONSITE EMBEDDED ACCESS CONTROL SYSTEM

Brivo Onsite is our embedded access control system for single site applications. With a total capability to support up to 30 card readers, Brivo Onsite allows you to start small and add capacity as you grow.

## Self-contained system for single site operations

Brivo Onsite is delivered complete and ready to configure via an internet browser. The operating system and Onsite application are pre-installed on the control panel which also manages connected readers, locks and alarm points. There is no software to install and no dedicated computer required. Brivo Onsite meets DoD 5220.22-M NISPOM and Intelligence Community Directive (ICD) 705 for SCIF use.

### FEATURES

- Supports up to 30 card readers at one location
- Administrative access via Ethernet and/or Wi-Fi
- Encrypted storage and communications
- Supports Wiegand and OSDP compatible readers
- Notifications of alarms via email or text
- Anti-passback
- Reporting tool
- Context sensitive help
- Optical Tamper Detection
- Upgradable for connection to Brivo Onsite Server

### ORDERING INFORMATION BRIVO ONSITE

B-Onsite-4 control panel (includes two-board chassis, main board, power supply board, battery and transformer)

B-Onsite-8 control panel (includes four-board chassis, main board, power supply board, 2 batteries and transformers)



### ORDERING INFORMATION – ASSOCIATED COMPONENTS

B-ACS6000-MBS – Two reader main board for Onsite

B-ACS6000-DB – Two reader expansion board





B-ACS6000-IO – Input/output expansion board

B-ACS6000-EXP – Expansion chassis (2 board capacity with power supply)

B-ACS6008-EXP – Expansion chassis (4 board capacity with power supply)

B-ACS6000-PSB – Power supply board

# BRIVO ONSITE SPECIFICATIONS

	Brivo Onsite	ACS6000-DB	ACS6000-I/O
Total number of credentials	5000 credentials per main control board.	N/A	N/A
Maximum number of card readers	Up to 30 (with 14 expansion door boards)	Up to 2 per door board	N/A
Event history	50,000 events (FIFO) offline from host	N/A	N/A
Input points	Up to 120 (with 14 expansion boards) 8 inputs per board On board; (2) door position points; (2) Request to exit points; (4) Auxiliary input points	8 inputs per board 2 door position points; 2 request to exit points; 4 auxiliary input points	8 inputs per board Optional 4 state supervision
Output relays	Up to 118 (with 14 expansion boards) 6 outputs per board Form C (SPDT) 350mA @ 12VDC – (2) lock switching (wet) Form C (SPDT) 6A @ 28VDC (4) Auxiliary output relays (dry only)	8 inputs per board 2 door position points; 2 request to exit points; 4 auxiliary input points	8 inputs per board Optional 4 state supervision
Maximum number of input/output and/or door board expansion boards	Up to 14 per Brivo Onsite main board	N/A	N/A
Authentication and encryption	Brivo Onsite uses TLS 1.2+, with AES256 encryption and SHA256 certificate with a 4096 bit key length	N/A	N/A
Max power consumption (board only)	12VDC @ 1.5A peak with all relays engaged	12VDC @ 500mA peak with all relays engaged	12VDC @ 90mA idle / 400mA peak with all relays engaged
Card reader inputs	2 Wiegand or RS-485 OSDP	2 Wiegand	N/A
Brivo Onsite board dimensions	5”h x 11.5”w		
Board communication bus	CAN Bus – Use CAT5 (or higher) UTP cable up to 1,500 feet		
Temperature and humidity range	Operating temp: 32°F 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	ACS6000-EXP – Capacity for (2) boards. Additional Chassis enclosures can be chained together via the CAN Bus to connect one controller board to up to 14 Door/IO boards. ACS6008-EXP – Capacity for (4) boards. Additional Chassis enclosures can be chained together via the CAN Bus to connect one controller board to up to 14 Door/IO boards.		
Power supply (included)	12VDC @ 3A (Supports expansion boards and readers only) Aux output – 12VDC @ 250mA (Not to be used for lock power)		
Transformer (included)	19VDC @ 36W		
Standby batteries and cables (included)	Brivo Onsite-4 – (1) 12VDC 7Ah Rechargeable Brivo Onsite-8 – (2) 12VDC 7Ah Rechargeable		
Enclosure dimensions	Brivo Onsite-4 – 17.283”h x 15.63”w x 3.5”d Brivo Onsite-8 – 27.283”h x 15.63”w x 3.5”d		
Brivo Onsite enclosure details	NEMA type 1, key locks, and knockouts		
Host communications	Ethernet and/or WiFi IEEE 802.11 b/g/n		
Compliance	Access Control UL294/        Part 15 Class A Compliant    Compliant		