

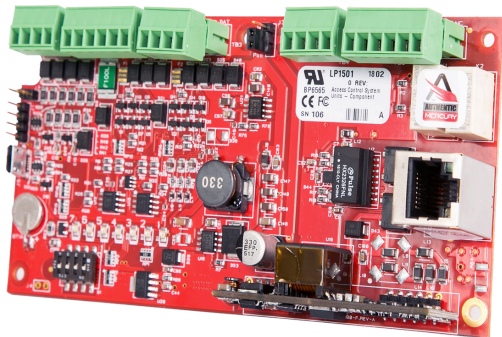


Brivo Mercury Solutions

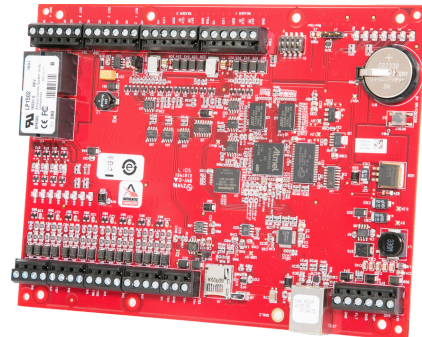
Mercury OEM Panels provide a non-proprietary hardware solution and/or upgrade path for existing Mercury installations

Brivo Mercury Solutions consist of Brivo OEM Mercury panels and a Mercury Provisioning Tool

Brivo Mercury Solutions provide users a path to easily transition existing Mercury control panels from competitive systems, while also allowing the expansion of existing Mercury-based systems with new Brivo OEM Mercury panels.



MRC-LP1501



MRC-LP1502

BRIVO OEM MERCURY PANELS

Mercury OEM Panels provide a non-proprietary hardware solution and/or upgrade path for existing Mercury installations.

- Supports all Standard Brivo Access Features
- Supports 30 doors per EP1502 or LP1502 Mercury control panel
- Supports 17 doors per EP1501 or LP1501 Mercury control panel
- Supports Brivo Mobile Pass credentials via server command
- Supports live event and device status
- Secure host communication over the internet
- Ability to upgrade outdated Mercury based access systems without additional hardware

MERCURY PROVISIONING TOOL

The Mercury Provisioning tool is a cloud-based service that easily converts outdated on-premise Mercury installations to Brivo Access.

- Supports EP1501, LP1501, EP1502 and LP1502*
- Easily converts a Mercury control panel to communicate with Brivo Access
- Updates control panel to Brivo OEM configuration
- Automatic firmware upgrades on conversion, if needed

* Some Mercury OEM EP1501 and EP1502s are not supported due to restrictions programmed into the panel by another Mercury OEM partner. Brivo offers a downloadable client tool for these conversions.

BRIVO MERCURY CONTROLLER SPECIFICATIONS

	MRC-LP1501	MRC-LP1502
DESCRIPTION	Single reader intelligent controller. Supports 1 door position input, 1 request to exit and 1 lock relay output. Expands to 17 doors using MRC-MR50-S3	2 reader intelligent controller. Supports 2 door position inputs, 2 request to exit inputs and 2 lock relay outputs. Expands to 30 doors using MRC-MR52-S3 or S3B
TOTAL NUMBER OF CREDENTIALS	Unlimited credentials per panel when online and connected to Brivo Access Up to 240,000 cardholder capacity while offline	
EVENT HISTORY	50,000 events (FIFO) offline from host	
MAXIMUM NUMBER OF READERS/DOORS	1 (Wiegand). 2 (OSDP) per node / Up to 17 doors with expansion boards	2 (Wiegand), 4 OSDP / Up to 30 Doors with expansion boards
INPUTS	2 programmable general purpose (EoL). 1 dedicated unsupervised for cabinet tamper	8 programmable general purpose (EoL). 1 dedicated unsupervised for cabinet tamper and power monitor
OUTPUTS	2 relays: Form-C, 2A @ 30VDC, resistive	4 relays: Form C, 5A @ 30VDC
MAX # OF DOOR OR I/O EXP BOARDS	Up to 8	Up to 14
AUTHENTICATION AND ENCRYPTION	TLS 1.2/1.1, AES 256/128	
INPUT POWER	PoE (802.3af) or PoE+ (802.3at) or 12VDC +/- 10%, 1.8A maximum	12-24VDC +/- 10%, 500mA maximum
READER COMMUNICATION	Wiegand or OSDP	Wiegand or OSDP
BOARD DIMENSIONS	5.5 x 2.75 x 1.0 in 140 x 70 x 24 mm	6.0 x 8.0 x 1.0 in 152 x 203 x 25 mm
HOST COMMUNICATIONS	Host communications via Ethernet, IP Client to Brivo MPS	
CARD FORMATS	26-bit, 37-bit, Corporate 1000 (35 and 48-bit)	

BRIVO MERCURY DOOR BOARD SPECIFICATIONS

	MRC-MR50-S3	MRC-MR52-S3 or S3B
DESCRIPTION	Single reader interface module with Series 3 hardware. Supports 1 door position input, 1 request to exit input and 1 lock relay output	2 reader interface module with Series 3 hardware. Supports 2 door position inputs, 2 request to exit inputs and 2 lock relay outputs
READERS/DOORS SUPPORTED	1 (Wiegand), 2 (OSDP)/1	2 (Wiegand), 4 (OSDP)/2
READER COMMUNICATION	Wiegand or OSDP	
INPUTS	2 programmable general purpose (EoL). 1 dedicated unsupervised for cabinet tamper	8 programmable general purpose (EoL). 2 dedicated unsupervised for cabinet tamper and power monitor
OUTPUTS	2 Form-C Relays; Relay 1: NO, 5A @ 30VDC resistive or NC, 3A @ 30VDC; Relay 2, 2A @ 30VDC resistive	6 Form-C Relays; NO, 5A @ 30VDC resistive or NC, 3A @ 30VDC resistive
BOARD DIMENSIONS	2.75 x 4.25 x 1.0 in 70 x 108 x 25.4 mm	6.0 x 8.0 x 1.0 in 152mm x 203 x 25 mm
INPUT POWER	12-24VDC +/- 10%, 150mA maximum	12-24VDC +/- 10%, 550mA maximum
CONNECTIVITY	RS-485, 2-wire, 4,000' (twisted pair with shield, Belden 9841)	

BRIVO MERCURY I/O BOARD SPECIFICATIONS

	MRC-MR16IN-S3B	MRC-MR16OUT-S3B
DESCRIPTION	General purpose input board for auxiliary devices and monitoring	General purpose output board for auxiliary devices or elevator control
INPUTS	16 programmable general purpose (EoL). 2 dedicated unsupervised for tamper and power monitor	2 dedicated unsupervised for tamper and power monitor
OUTPUTS	2 Form-C Relays; NO, 5A @ 30VDC resistive or NC, 3A @ 30VDC resistive	16 Form-C Relays; NO, 5A @ 30VDC resistive or NC, 3A @ 30VDC resistive
BOARD DIMENSIONS	6.0 x 8.0 x 1.0 in 152 x 203 x 25 mm	
INPUT POWER	12-24 VDC +/- 10%, 350mA maximum	12-24VDC +/- 10%, 1100mA maximum
CONNECTIVITY	RS-485, 2-wire, 4,000' (twisted pair with shield, Belden 9841)	

BRIVO MERCURY BOARD GENERAL SYSTEM SPECIFICATIONS

CONNECTIVITY	Primary port: 10/100 Ethernet
ALARM MANAGEMENT / EOL	NO/NC, programmable supervised/unsupervised. End-of-line (EOL) resistors: 1k+1k ohm, 1%, 1/4 watt standard
TEMPERATURE AND HUMIDITY RANGE	Operating: 0-70°C Storage: -55-85°C Humidity: 5-95%
COMPLIANCE	UL 294 Recognized, FCC Part 15 Class A, CE Compliant, RoHS (2011/65/EU & 2015/863), EU REACH (1907/2006), California Proposition 65, NIST Certified Encryption

ASSOCIATED LSP POWER SUPPLIES

	LSP-DV75-M	LSP-DV150-M	LSP-DV250-M
DESCRIPTION	Dual voltage 75W integrated power supply. Supports 1 LP1502, 1 MR52 and 4 locks. LSP part no. FPO75-B100C4D8PE2M	Dual voltage 150W integrated power supply. Supports 1 LP1502 board, 3 MR52 boards and 8 locks. LSP part No. FPO150-B100C8D8PE6M	Dual voltage 250W integrated power supply. Supports 1 LP1502, 7 MR52 boards, and 16 locks. LSP part no. FPO150/250-2C82D8PE8M2



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