



# BRIVO EP1502 CONTROLLER

The Brivo EP1502 Mercury controller provides an open architecture solution that operates on the Brivo Onair® unified security platform.

## Building Blocks for Brivo Onair Access Control Services

The Brivo EP1502 Mercury controller enables you to leverage the Brivo Onair platform which combines physical access control, video surveillance and mobile credentialing in a unified cloud-based security platform.

### APPLICATIONS

- IP based access control and alarms
- Supports 30 doors per EP1502 panel
- Supports Brivo Onair Pass credentials
- Host communication via Ethernet
- Encrypted storage and communications
- Host authentication via digital certificates
- Supports Wiegand compatible readers



### ORDERING INFORMATION BRIVO ONAIR

#### Hardware

**MRC-EP1502**—Mercury EP1502, 2 reader intelligent controller Does not include enclosure and power supply.

**MRC-MR52**—Mercury MR52, 2 reader interface module Does not include enclosure and power supply.

### ORDERING INFORMATION – ASSOCIATED COMPONENTS

**LSP-DV75-M**—Mercury Integrated Dual Voltage Power Supply for Mercury boards and locks.

**LSP-DV150-M**—Mercury Integrated Dual Voltage Power Supply for Mercury boards and locks.

**LSP-DV250-M**—Mercury Integrated Dual Voltage Power Supply for Mercury boards and locks.

# BRIVO ONAIR CAPABILITIES

Maximum number of readers	Up to 30 (with 14 expansion MR52 reader interface modules)
Event history	50,000 events (FIFO) offline from host
Input points	8 general purpose: programmable circuit type Two dedicated: tamper and power monitor
Output relays	4 relays: Form C, 5A 30Vdc
Max # of I/O and/or door expansion boards	Up to 14 MR52 reader interface modules per EP1502 controller
Authentication and encryption	The EP1502 uses TLS1.1, with AES-128 encryption
Input Power	12-24 VDC +/- 10%, 500mA maximum
Card reader inputs	2 Wiegand
Board dimensions	6.0" x 8.0" x 1.0" (152mm x 203mm x 25mm)
Temperature and humidity range	Operating temperature: 0-70°C operational, -55-85°C storage Humidity: 0-95% RHNC
Host communications	Host communications via Ethernet
Compliance	UL294 Recognized, CE Compliant, RoHS, FCC Part 15 Class A
Card formats	Active card formats per EP1502 26-bit, 37-bit, Corporate 1000 (35 and 48-bit)
Door Control	Eight supervised inputs, four relays. Diagnostic LEDs
Alarm Management	Normally open/Normally closed, unsupervised, supervised.
Connectivity	Primary Port: 10/100 Ethernet



Call us at [866.692.7486](tel:866.692.7486) to learn more about the Brivo Onair.