

MP1502 — Dual Door Panel

Overview

The Mercury MP1502 is a two-door access control panel. It supports 2 doors with up to 4 readers (2 in/2 out), 16 supervised inputs, and 8 relay outputs. Connects to a host controller via RS-485.

Spec	Value
Doors	2
Readers	4 (Wiegand or OSDP)
Inputs	16 supervised
Outputs	8 relay
Communication	RS-485 to host controller
Power Input	12-24VDC

DIP Switches

The MP1502 uses an 8-position DIP switch bank to set the RS-485 board address (binary encoded, SW1=LSB).

Address	SW1	SW2	SW3	SW4	SW5-8
0	OFF	OFF	OFF	OFF	OFF
1	ON	OFF	OFF	OFF	OFF
2	OFF	ON	OFF	OFF	OFF
3	ON	ON	OFF	OFF	OFF
4	OFF	OFF	ON	OFF	OFF
5	ON	OFF	ON	OFF	OFF
6	OFF	ON	ON	OFF	OFF
7	ON	ON	ON	OFF	OFF

SW5-SW8: Reserved — leave OFF.

Wiring Notes

- **RS-485 Bus:** A(+) and B(–) to host controller RS-485 port. Daisy-chain up to 32 devices. Terminate last device with 120Ω.
 - **Door 1 readers:** R1 (IN) and R2 (OUT). **Door 2 readers:** R3 (IN) and R4 (OUT).
 - **Door strikes:** Relay 1 = Door 1, Relay 2 = Door 2. Relay 3–8 available for auxiliary outputs.
 - **Door contacts:** Input 1 = Door 1 position, Input 2 = Door 2 position (use supervised EOL resistors).
 - **Rex inputs:** Input 3 = Door 1 Rex, Input 4 = Door 2 Rex.
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Resources

- [MP1502 Installation Guide \(HID/Mercury\)](#)
 - [Mercury Installation Assistant Utility \(IAU\)](#)
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