IDenticard®
ACCESS CONTROL

The Series 3 Two-Reader Board is the interface between any IDenticard PremiSys controller and up to two card readers. It offers an improved processor and increased memory, plus features an embedded crypto memory chip that provides a secured layer of encryption to onboard sensitive data.

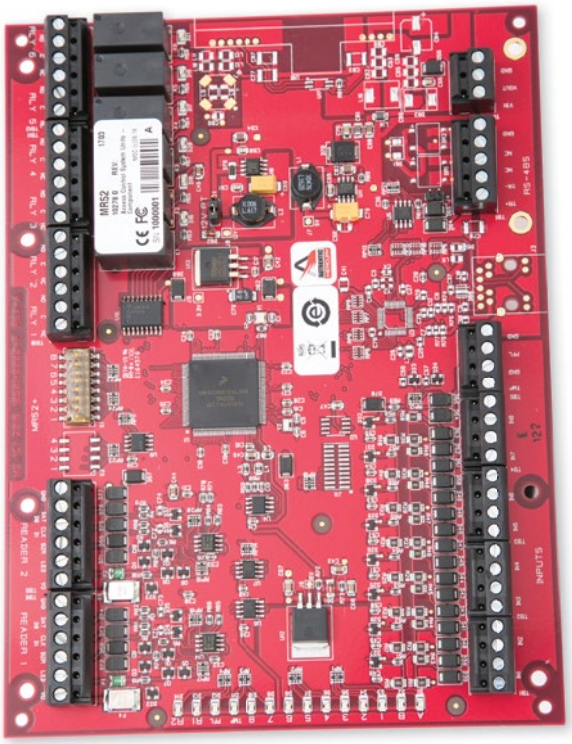
The Series 3 Two-Reader Board is a dual card reader interface panel with on-board flexibility to connect a wide range of security devices. The Series 3 Two-Reader Board is easy to install and provides the required I/O for interfacing two card readers, eight general-purpose input monitor points and six control relays to any IDenticard PremiSys series intelligent controller.

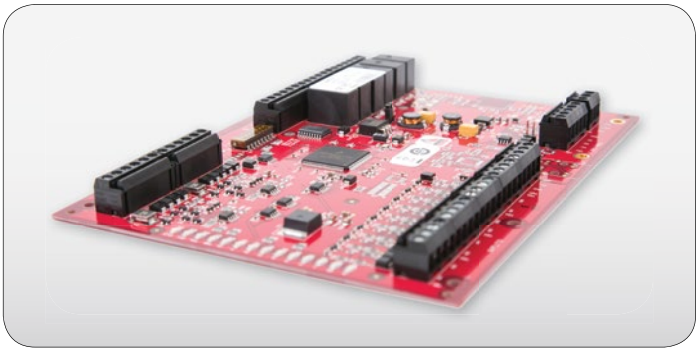
With two-wire RS-485 connectivity, the Series 3 One-Reader Board reader port supports keypads, biometric readers, Wiegand, clock and data, and magnetic stripe technologies.

The Series 3 Two-Reader Board is the latest generation door interface module for IDenticard PremiSys intelligent controllers.

Features

- AES 128/256 bit data encryption
- HSPD-12/FIPS201 compliant
- UL 294 recognized, CE compliant, FCC, RoHS
- Supports keypads, biometric readers, Wiegand, clock and data, and magnetic stripe technologies
- RS-485 host connectivity
- **Open Architecture:** High performance, reliable platform
- **Enhanced Security:** Embedded crypto memory chip provides secured layer of encryption to protect sensitive data
- **Versatile Interoperability:** Same reliable interface and identical footprint as the Series 2 Two-Reader Board, enabling seamless upgrades for existing installation





PremiSys™ Series 3 Two-Reader Board

PREM-BRD2RDR-S3

PremiSys™ Series 3 Two-Reader Board

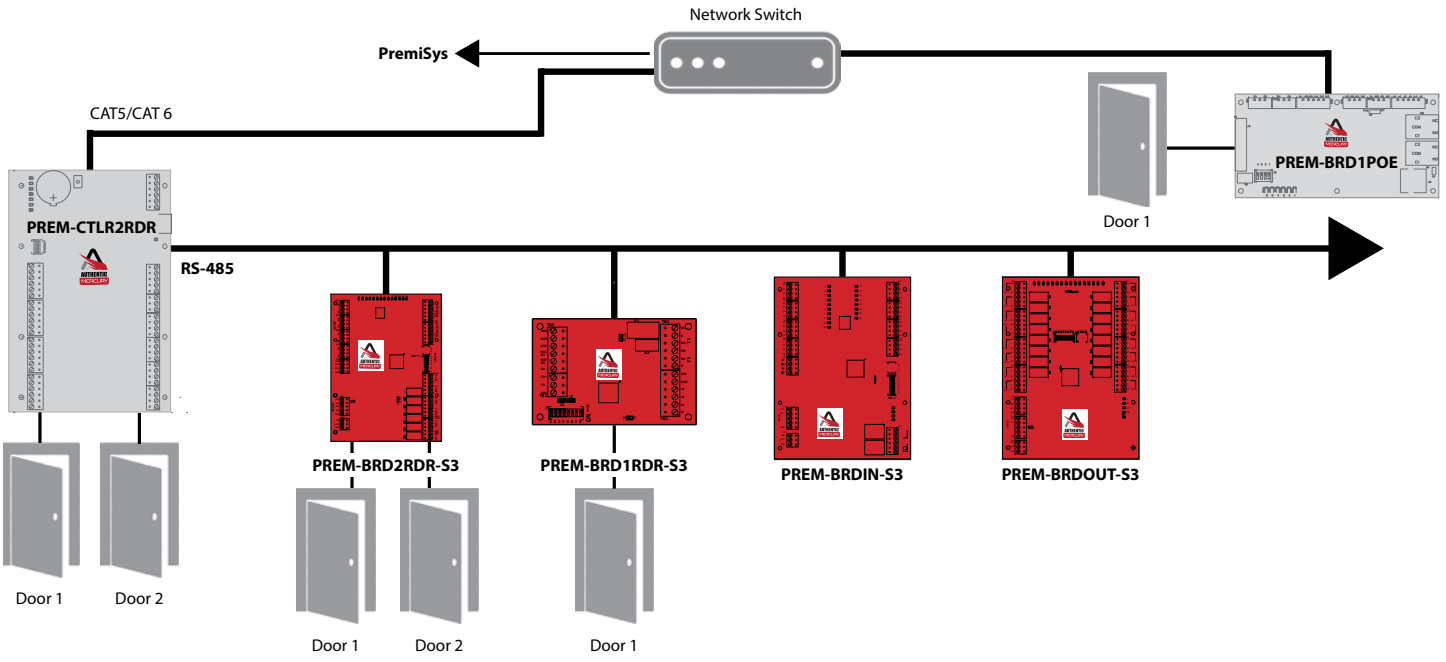
Specifications

Primary Power	12-24 Vdc +/- 10%, 550mA maximum
Host Communication	RS–485, 2-wire, 4,000' (twisted pair with shield, Belden 9841)
Reader Port	2 Reader Ports*
Reader Power	Pass-through or 12 Vdc regulated 300mA each reader
LED	One-wire bi-color LED or two-wire LED
Buzzer	Only with 'one-wire' LED
Inputs	8 General Purpose: Programmable circuit type 2 Dedicated: Tamper and Power Monitor
Output Relays	Six Form-C Relays: Normally open contact (NO): 5A @ 30 Vdc resistive Normally closed contact (NC): 3A @ 30 Vdc resistive
Dimensions	6.0" W x 8.0" L x 1.0" H, (152mm W x 203mm L x 25mm H)
Temperature	0-70 °C operational, -55-85 °C storage
Humidity	5 to 95% RHNC
Standards	UL 294 recognized, CE compliant, RoHS, FCC Part 15 Subpart B

Application Notes

The inputs and the relays may be assigned to door-related functions or to general-purpose I/O. The inputs support normally open, normally closed, supervised, and non-supervised circuits. End-of-line (EOL) resistance values are configurable, and the relays can be configured for fail-safe or fail-secure operation.

When connected to an IDenticard PremiSys intelligent controller, the Series 3 Two-Reader Board can relate the activities of selected system devices to other devices within the system, generating actions and allowing activities to occur independent of the host. The Series 3 Two-Reader Board can also locally process access requests based on facility code verification, even when disconnected from an intelligent controller. Up to eight facility codes may be active in each Series 3 Two-Reader Board.



The Authentic Mercury open platform delivers quality assurance derived from the most proven and reliable hardware in the industry. Driven by our engineering excellence and technology leadership, Authentic Mercury hardware is designed as an access control platform that easily encompasses emerging technologies, changing industry standards and evolving system environments.

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