

MATCH™ Intelligent Reader Interface

Identiv's MATCH Interface makes conventional access control readers intelligent and provides a high security solution for access control. It is used with an Identiv DIGI*TRAC™ controller.

Features

- Microprocessor Based
- Mathematical Digitizing Algorithm
 - High Security Transmission
 - Eliminates Facility Codes
- Supports “Off the Shelf” Cards
 - No Waiting on Card Orders
- Mix Reader Technologies on One System
- Data Formats
 - ABA Magnetic Stripe
 - Wiegand (26- to 55-Bit Format)
 - Proximity
 - Bar Code
 - Touch Memory
 - Barium Ferrite
 - RF (Radio Frequency)
 - Biometric
 - Wiegand No Parity
 - HID Corporate 1000 Format
 - Pass Through
- Digital Transmission
 - Long Wiring Runs
 - Multi-drop Connections
- Dual Technology Options
- Entry and Exit Reader on One MATCH Interface Unit
- Many Custom Formats Now Supported

Description

The MATCH Intelligent Reader Interface is installed at or near a conventional access control reader. It converts the reader's analog or pulsed signals to a high-security digital code. MATCH's on-board 5VDC power source powers most readers.

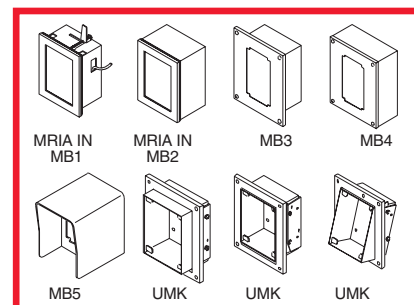
Used with a conventional reader, MATCH converts the card's raw code into the security code used by an Identiv DIGI*TRAC controller. There is no need to decipher the raw code. Existing card access systems can usually be upgraded without replacing the current cards.

High-Security Communication Path

The MATCH interface has microprocessor intelligence. MATCH uses a complex mathematical algorithm to digitize the code for transmission to a DIGI*TRAC controller. Digital transmission permits longer wiring runs between a MATCH-based reader and its controller than are normally available with conventional access technologies.

Multiple Reader Support

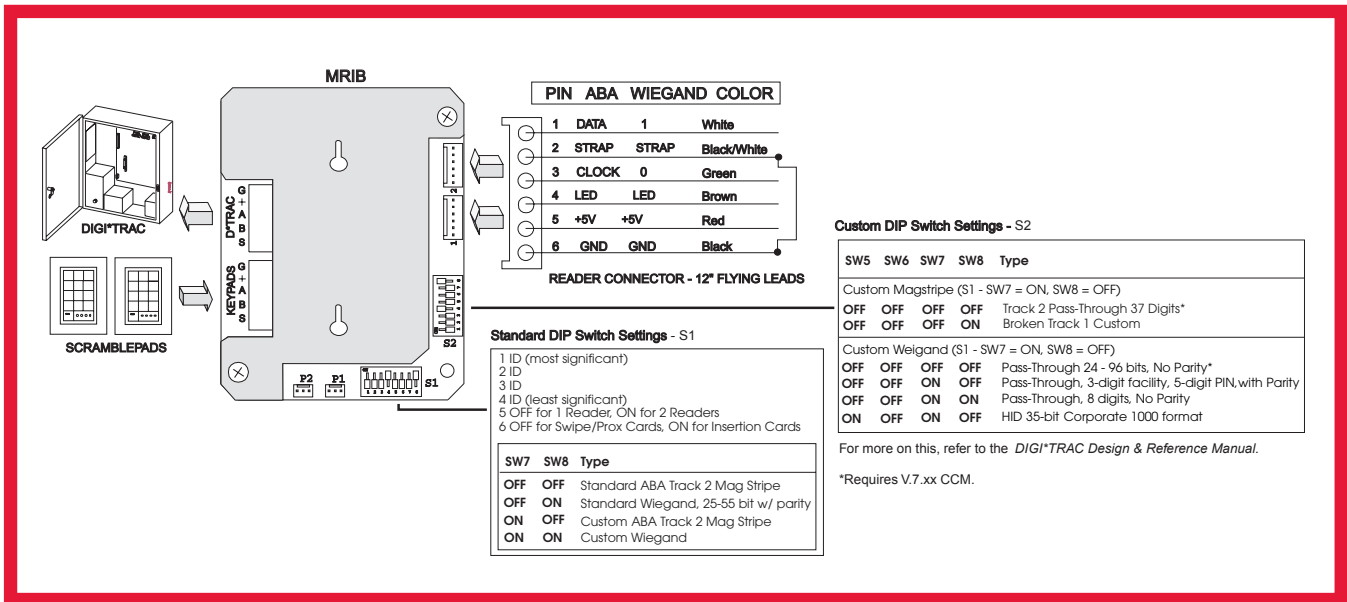
A single MATCH interface will support both an entrance and an exit reader for the same door. MATCH interfaces are used on the same communication path with the Identiv ScramblePad® and ScrambleProx®.



Mounting Boxes

Accessories For MR1A:

MB1	Flush Mounting Box
MB2	Surface Mounting Box
MB3	Heavy Duty Flush Mounting Box
MB4	Heavy Duty Surface Mounting Box
MB/FFP	Flat Faceplate
MB/SWS	Shallow Wall, Semi-flush Spacer Ring
UMK	Universal Mounting Kit (Requires MB2)



Typical MATCH-to-Reader Wiring

Specifications

Note: The MATCH board is designed to be used with an Identiv DIGI*TRAC controller.

Communications

- Wiring From controller: two pair, stranded, twisted, overall shield (refer to controller specifications for distance)
- Supervision: Digital from controller
- Wiring To Reader: Refer to reader specifications

Electrical

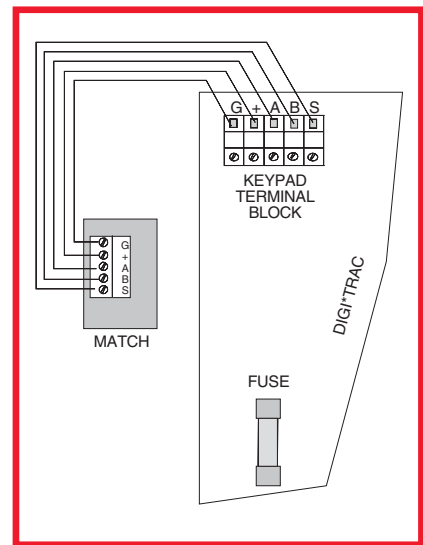
- Operating Power:
 - 70 mA at 24VDC, with externally powered readers
 - 200 mA at 24VDC with two readers powered by MATCH
- Reader Power: 2 terminals
 - 250 mA at 5VDC each
- RS232 Port (P1) For Enrollment Station

Physical

- Physical Tamper Alarm (MRIA)
- Dimensions:
 - MRIA: 5.75 x 4.5 x 2 in (14.6 x 11.4 x 5.1 cm)
 - MRIB: 4.5 x 3.5 x 1.75 in (11.4 x 8.9 x 4.4 cm)
- Shipping Weight: 2 lb (0.9 kg)
- Operating Temperature Range: 32° to 140° F (0° to 60° C)
- Relative Humidity: 0 to 90%, non-condensing

Listings and Approvals

- UL-ALVY (294), Access Control Systems Units
- CUL-UEHX7, Signal Appliances
- CE



Typical Controller-to-MATCH Wiring Diagram

Ordering Information

Description		Comments
MRIA	MATCH Reader Interface Board	Includes MRIB, mounting base and bezel, physical tamper switch and blank faceplate. Two MATCH connectors with six-inch pigtailed. Installs in Identiv mounting boxes. Use MB1, MB2 or MB5. UL Listed. CE.
MRIB	MATCH Reader Interface Board	Accepts up to two readers and two ScramblePads for dual technology entry and exit control of one door. Use with CCM 6.4 (or higher) and CR readers (see <i>DIGI*TRAC Design and Installation Guide</i> for compatible readers). Two MATCH connectors with 6-inch pigtailed. Provides 5 VDC at 250mA reader power. Mounting plate. UL Listed. CE.

Technical data is subject to change without notice.

Identiv (NASDAQ: INVE) is a global security technology company that establishes trust in the connected world, including premises, information, and everyday items. CIOs, CSOs and product departments rely upon Identiv's trust solutions to reduce risk, achieve compliance, and protect brand identity. Identiv's trust solutions are implemented using standards-driven products and technology, such as digital certificates, strong authentication, mobility, and cloud services.

Identiv has offices worldwide. Addresses and phone numbers are listed at identiv.com/contact. For more information, visit identiv.com or email sales@identiv.com.