Multi-Authentication reader, Access with RFID card and PIN are available.

- The user can select either “OR authentication mode” or “AND authentication mode”.
- MIFARE® card and ISO15693 card are available.
- There are two types of reader (RDTK-B01 without cover, and RDTK-B01CV with cover). RDTK-B01CV can be operated with the card even if the cover is closed.
- The PIN Pad has adopted tempered glass. It resistant to scratches and it has high-durability.

Available cards for RDTK-B01

<table>
<thead>
<tr>
<th>Available cards</th>
<th>MIFARE Plus Card</th>
<th>ISO15693</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIFARE® Standard (Classic): UID (4 bytes/7 bytes)</td>
<td>TLNF-C01</td>
<td>TLNT-C06A</td>
</tr>
<tr>
<td>MIFARE® Plus: TLNF-C01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO15693: TLNT-C06A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The reader has not only the crime prevention performance but the ease of use also.

[Magical display function]
The position of number shown on the PIN Pad is changed each time when used to prevent discoloring or wearing.

[Random display function]
When the random display is selected, the arrangement of the numbers is changed each time when used.

[Peep-proof function (Only RDTK-B01CV)]
The displayed number cannot be seen easily sideways, preventing malicious peep.

[Even with the cover closed, operation is available]
RDTK-B01CV with cover can be operated with the card even if the cover is closed.

(Note 1) RDTK-B01 does not have the peep-proof function.
(Note 2) The effectiveness of the peep-proof function varies depending on the ambient brightness or the LED brightness setting on the controller.
The MIU-301 Access controller is working with RDTK-B01(CV) reader unit.

The unit outputs verification results through the contact (Dry contact A or B), so that an electric lock, automatic door, or shutter can be controlled. Five patterns are available for the contact output time setting.

Up to 1,000 card ID can be registered in the unit.

If the card is lost or stolen or the PIN is known to another person, the card or PIN can be invalidated easily and a new card or PIN can be registered in the unit.

The password lock (PIN for administrator) is set for the operations of registering/canceling the registration of a card or PIN to prevent unauthorized setting operations by a third party. (Only one type / Number of 4-12 digits)

Registered IDs are not erased when power failure occurs.

The reader can be stopped by a signal (Dry contact A or B, continuous) from another device such as a timer or security device.

Registered IDs can be wrote/read to USB memory. The backup data can be copied to other MIU-301.

(Note 1) This product is designed for indoor use. Use this product in an area where it is not exposed to water droplets such as rainwater.
System configuration diagram

- Automatic door
- Electric lock or electric strike
- Two-wire conversion adapter AD211
- PIN Pad RFID card reader
- Inside gate RDTK-B01
- Outside gate RDTK-B01
- PIN Pad RFID card reader
- Inside gate RDTK-B01CV
- Outside gate RDTK-B01CV
- MIU-301

- CPEV 1P
- CPEV-S 1P

- USB memory (Prepared by customer)
- Input to stop reader
- General purpose output

- Wiring distance
- Between Reader and controller: When diameter is 0.9mm, up to 100 m

- To install two PIN Pad RFID card readers (on both sides of the door), RDTK-B01 and RDTK-B01CV can be used in combination.

MIU-301

- Access Controller

- MIU-301 with the cover opened
  - [Left open]
  - [Right open]

- Opening direction of the cover is available for both directions.
  - Select either of the options to suit the location of installation.
  - The cover can open up to 195°.

RDTK-B01

- PIN Pad RFID card reader

- To be mounted to a deep or shallow switch box for two pieces
  - (The switch box is to be recessed in a normal way.)

- To be mounted to a deep or shallow switch box for two pieces
  - (Although the switch box is to be recessed in a normal way, the unit can be mounted to the switch box even if it is recessed in such a way that its lugs with screw holes are located on the right and left sides.)

RDTK-B01CV

- PIN Pad RFID card reader (with cover)

- To be mounted to a deep or shallow switch box for two pieces
  - (Although the switch box is to be recessed in a normal way, the unit can be mounted to the switch box even if it is recessed in such a way that its lugs with screw holes are located on the right and left sides.)