

PIN Pad RFID card reader

RDTK-B01 Type

Applications: Factories and plants/buildings/hospitals, etc.



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.

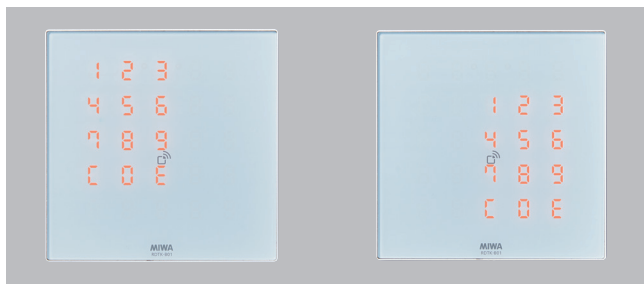
Specifications	
Available cards	MIFARE® Standard (Classic): UID (4 bytes/7 bytes) MIFARE® Plus: TLNF-C01 ISO15693: TLNT-C06A
Detection distance	10 mm
Controller	MIU-301
Material	Panel: tempered glass, Main body/cover: ASA resin
Finish	Black (BK), White (WH)
Used environment	-10 to +50°C, 30 to 90%RH, no condensation or freezing
IP rate	IPx5
Power supply	24 VDC (supplied from MIU-301)
Dimensions	RDTK-B01: 115 (W) x 115 (H) x 15 (D), Wall implanted type RDTK-B01CV: 120 (W) x 134 (H) x 20 (D), Wall implanted type
Weight	RDTK-B01: 300 g RDTK-B01CV: 380 g

Available cards for RDTK-B01	
MIFARE Plus Card	ISO15693
TLNF-C01	TLNT-C06A

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.

Access control unit

MIU-301 Type

Applications: Factories and plants/buildings/hospitals, etc.

For indoor use



Specifications

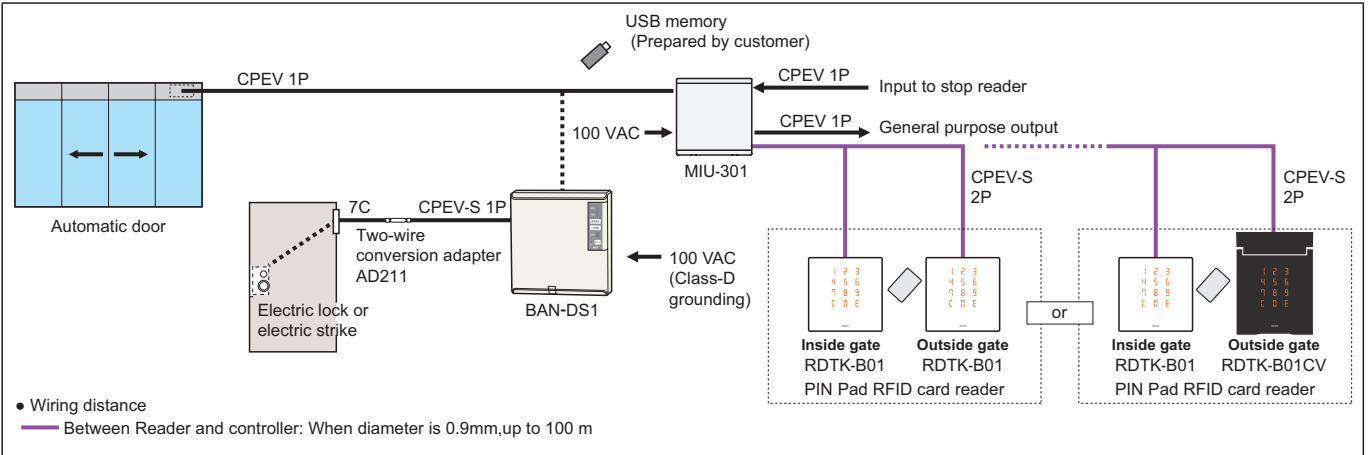
ID Capacity	Card	: 1,000 ID	
	PIN	: OR authentication, 2 digits to 12 digits x 9 IDs AND authentication, 4 digits (fixed) x 1 ID per card	
Number of records	5,000		
Controlled gates	1 gate (Both sides are available)		
Functions	Registration and Verification of cards and PIN		
External I/O	Output	: Dry contact A or B 24 VDC, up to 0.1 A	
	Output time	: 0.5 sec, 3 sec, 10 sec, and 20 sec Repetition of continuous make/ break	
	Reader stop input	: Dry contact A or B 24 VDC, 0.1 A or more	
	Contact output	: Dry contact A or B 24 VDC, up to 0.1 A	
USB slot	Standard	: USB 2.0, type A	
	File system	: FAT32	
	Free space	: At least 128 MB	
	Other	: USB memory with the encryption function is not available	
	Built-in clock	Power failure backup time: About 3 days	
Specifications	Material	ASA resin	
	Finish	WH: White	
	Used environment	0 to +50°C, 30 to 95%RH, no condensation	
	Waterproof	None (for indoor use) ^{Note 1}	
	Power supply	100 VAC +/-10%, 50/60 Hz, Power consumption 4.3 W	
	Dimensions	118 (W) x 120 (W) x 10 (D), Wall implanted type	
	Weight	Approx. 230 g	

(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.

- 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.



System configuration diagram

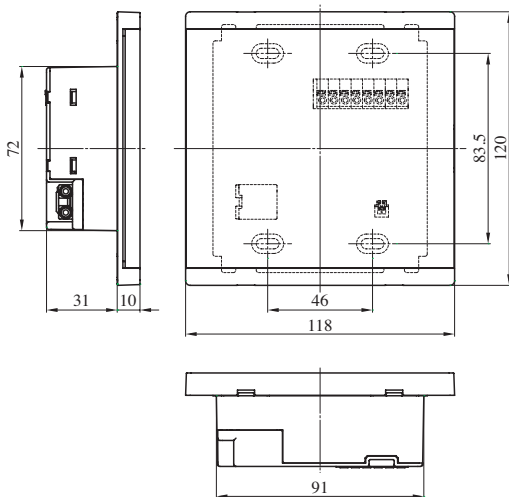


• To install two PIN Pad RFID card readers (on both sides of the door), RDTK-B01 and RDTK-B01CV can be used in combination.

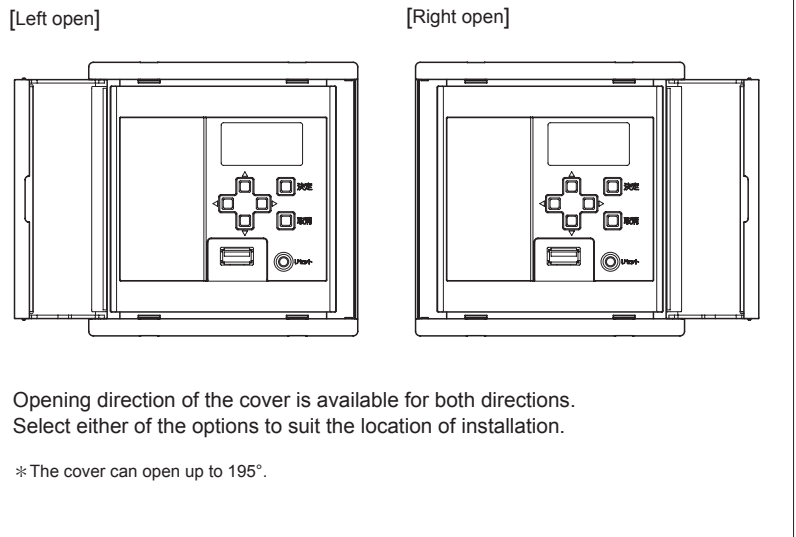
MIU-301

Access Controller

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

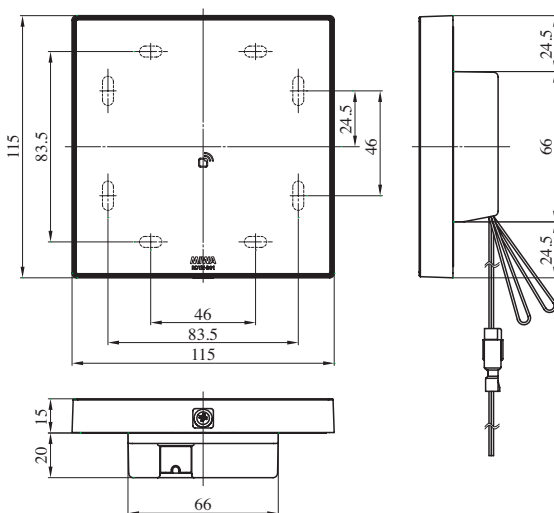


MIU-301 with the cover opened



RDTK-B01

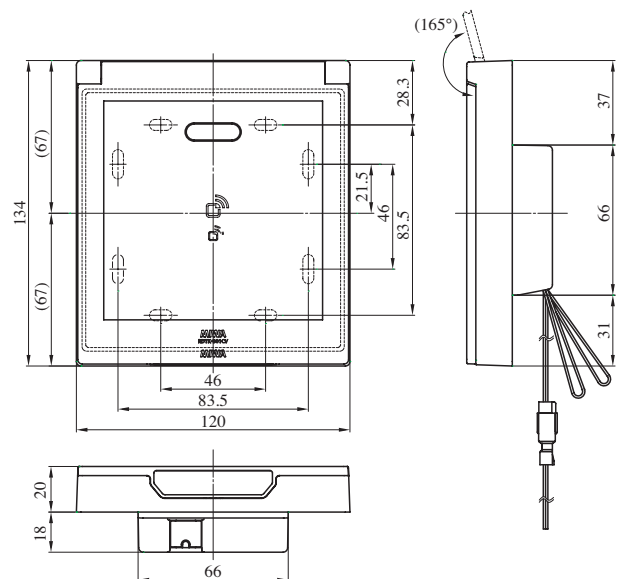
PIN Pad RFID card reader



* 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.)