

User Manual

Product Name ALVH ENTRANCE READER

Model ALVHDCU·DP

Version 2.0

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MIWA LOCK CO., LTD.

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1. APPLICATIONS

These specifications describe the ALVH ENTRANCE READER “ALVHDCU·DP” which is a reading device for exclusive use of the card key for Hotel Card Lock “ALVH” and manage the guest room and the facilities of the Hotel.

These specifications cover the ALVH ENTRANCE READER and if use with exclusive controller (made by NEXUS), it enable to output relay signal to the automatic door and control board of the electric key.

2. SUMMARY

2-1. ALVH ENTRANCE READER

- (1) This is a card reader for exclusive use of the entrance of the Hotel Card Lock “ALVH”, which reads key data of the card key and output the voltage signal.
- (2) When a contact less IC card issued by card issuing machine installed in the front desk is used, it collates the various information such as a Hotel cord and room number with stored data. If the card is confirmed valid, it output the signal to the exclusive controller.

3. GENERAL SPECIFICATIONS

3-1. Physical Specifications

Dimensions	120mm(W), 162mm(H), 58.8mm(D)
Weight	400g approximately

3-2. Electrical Specifications

Power supply	3.0Vdc is supplied from the exclusive controller.
Signal output	Lock/unlock signal is sent to the exclusive controller.

3-3. Environmental Specifications

Operation temperature	-5~+50°C
Operation humidity	20~80%RH without condensation

4. DETAIL OF FUNCTION

- (1) Bring a card key close to the ALVH ENTRANCE READER.
- (2) The ALVH ENTRANCE READER reads the key data and if the data accords with the database, voltage signal is sent to the exclusive controller.

Collation data:

- 1) Hotel cord
 - 2) Validity of the card key. (from check-in time to check-out time)
 - 3) Room number of the card key.
- (3) If the card key is valid, the LED lights green. In case of invalid card key, the LED lights red.

5. Regulatory Compliance

5-1. USA-Federal Communications Commission (FCC)

This unit has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This unit generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this unit does cause harmful interference to radio or television reception, which can be determined by turning the unit off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the unit and receiver.
- Connect the unit into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This unit complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This unit may not cause harmful interference, and (2) This unit must accept any interference received, including interference that may cause undesired operation.

Caution:

Any changes or modifications not expressly approved by the party responsible for product compliance could void the user's authority to operate the unit.

Labelling

MIWA LOCK ALVH ENTRANCE READER is labelled as below.

FCC ID: VBU-ALVHDCU