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Miwa Lock DWHL-V3UA01 ALV3 Card Encoder without Print Function User Manual

User Manual
Product name ALV3 Card Encoder without Print Function
Model DWHL-V3UA01
Ver.1.00 07.21.21

Contents

Revision History

Ver.	Date	Application	Approved by	Reviewed by	Prepared by
1.0	8/6/2021	Create a new entry	Nakamura	Ninomiya	Matsunaga

Introduction

This document describes the specifications for the ALV3 Card Encoder without Print Function (here under refer by DWHL-V3UA01).
DWHL-V3UA01 is a MIFARE/MIFARE Plus card reader/writer that connects to the PC server via USB.

Fig 1-1 Host connection

Precautions on use ⚠

1. Be careful not to generate static electricity when touching this device.

2. Do not place objects that generate electromagnetic waves around this device. Otherwise, it may cause malfunction or failure.

3. Do not wipe with benzene, thinner, alcohol, etc. Otherwise, it may cause discolouration or distortion. When wiping dirt, wipe it off with a soft cloth.

4. Do not install this device outdoors including cables.

5. Do not install this device in direct sunlight or near a heater such as a stove. Otherwise, it may cause malfunction or fire.

6. Do not use this device when it is completely sealed with plastic bag nor wrap, etc. Otherwise, it may cause overheating, malfunction or fire.

7. This device is not dust proofing. Therefore, do not use it in dusty locations. Otherwise, it may cause overheating, malfunction or fire.

8. Do not perform a violent action such as hitting, dropping, or otherwise applying strong force to the machine. It may cause damage, malfunction, electric shock or fire.

9. Do not let water or other liquids get stuck on the device. Also, do not touch it with a wet hand. Otherwise problems, it may cause malfunction, electric shock or fire.

10. Disconnect the USB cable if an abnormal heat output or smell occurs while using the machine.

11. Never disassemble or modify the unit. Otherwise problems, it may cause malfunction, electric shock or fire. Miwa is not responsible for any malfunction or damage caused by the user disassembling or modifying the unit.

12. It may not work properly on metals such as ferrous metal.

13. Multiple cards cannot be read or written at the same time.

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.

USA-Federal Communications Commission (FCC)

NOTE: This equipment 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 equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 equipment and receiver.
- Connect the equipment 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.

- **Responsible Party – U.S. Contact Information**

  MIWA LOCK CO., LTD. USA Office

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  Telephone 1-949-328-5280 / FAX 1-949-328-5281

- **Innovation, Science and Economic Development Canada ISED**

  This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and

  Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

  (1) This device may not cause interference.

  (2) This device must accept any interference, including interference that may cause undesired operation of the
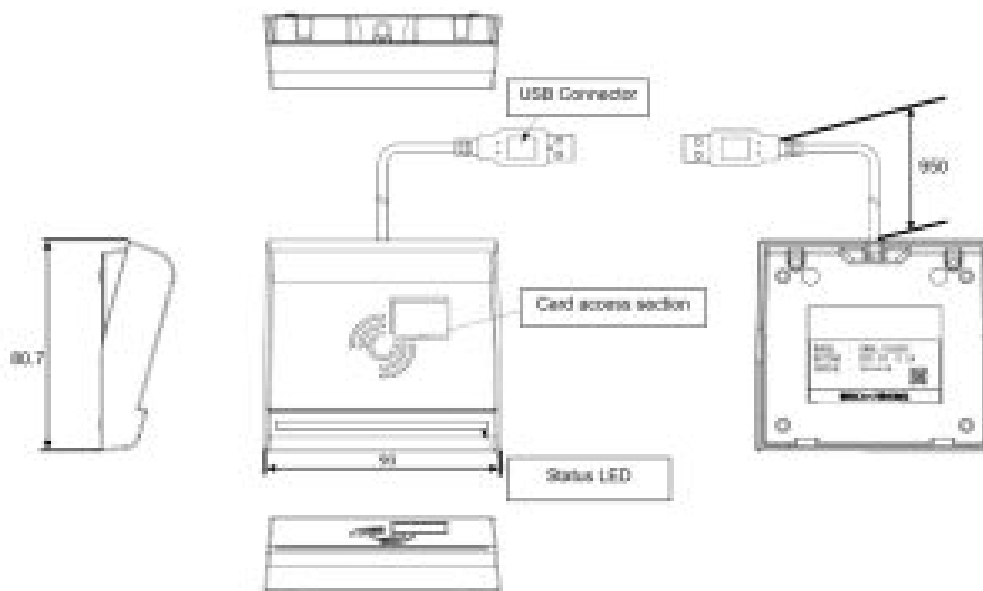
  device.

Product Specifications

Table 3.1. Product Specifications

Item	Specifications	
Appearance	Dimension	90[mm](W)x80.7mmliD)x28.8[mm](H)
	Weight	Approx 95 [g] (including enclosure and cable)
	Cable	USB connector A Plug Approx. 1.0m
Power supply	Input voltage	5V supplied from USB

	Current consumption	MAX200mA
Environment	Temperature conditions	Operating temperature: Ambient 0 to 40 [°C] Storage Temperature: Ambient-10 to 50 [°C] ♦ No freezing and no condensation
	Humidity conditions	30 to 80[%RH] at an ambient temperature of 25°C ♦ No freezing and no condensation
	Drip-proof specifications	Not supported
Standard	VCCI	Class B Compliance
	Radio communication	Inductive read/write communication equipment No. BC-20004 13.56MHz
Basic performance	Card communication distance	Approximately 12mm or more at the center of the card and reader * This varies depending on the operating environment and media used.
	Supported cards	ISO 14443 Type A (MIFARE, MIFARE Plus, etc.)
	USB	USB2.0 (Full-Speed)
	Supported Operating Systems	Windows10
	LED	2 Color (Red, Green)
	Buzzer	Reference frequency: 2400 Hz Sound pressure Min. 75dB

Appendix 1. Outside view of DWHL-V3UA01 main unit

Documents / Resources

ALV3 Card Encoder without Print Function User Manual User Manual Product name ALV3 Card Encoder without Print Function Model DWHL-V3UA01	**Miwa Lock DWHL-V3UA01 ALV3 Card Encoder without Print Function** [pdf] User Manual DWHLUA01, VBU-DWHLUA01, VBUDWHLUA01, DWHL-V3UA01 ALV3 Card Encoder without Print Function, ALV3 Card Encoder without Print Function, Print Function, Function