MBL-K100 Mailbox Lock

Features

- Work with Modbus mailbox controller HDE-972PM-R-BS, up to 128 mailbox locks can be controlled.
- The default action time is 1 second, and time can be set by the software.
- Able to connect to the mailbox door sensor signal line to detect whether the mailbox door is open or closed.
- Provide a sound prompt function when the mailbox door is not closed after timeout. The opening and detection time can be set from 1 to 255 seconds by the software (the default detection time is 30 seconds). If the mailbox door is not closed after timeout , the buzzer will sound continuously until the mailbox door is closed.
- Built-in LED light can be turned on or off by opening and closing the mailbox door.
- Work with the Modbus mailbox controller, the mailbox can be set to online or offline, providing functions such as whether there are mails, the mailbox door control status, and remotely open the designated mailbox.
- If the mailbox is damaged by external force, the user can swipe the valid card to release the lock.
- Provide Watch Dog function.

Ordering Information

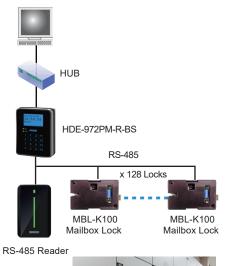**Package Content:**
- Lock x 1
- Quick Start Guide x 1

Supported Software:
- HAMS Management System

Optional Accessories:
- HDE-972PM-R-BS Mailbox Controller
- Wiegand/RS-485 Reader

Specifications

Model No.	**MBL-K100**
CPU	32-bit CPU (With ISP function)
Output Ports	O.C (DC5V~24V,3A) x 1 (External Mailbox Status LED)
LED Indicator	LED x 1 (Light)
Beep Tone	Buzzer
Comm. Interface	RS-485
Comm. Baudrate	19,200 bps
ID Setting	8 Digits, DIP-SW
Power Input	DC 12V
Current Consumption	2.5A (max.)
Operating Temp.	-40˚C ~ 70˚C
Relative Humidity	20% ~ 80% ((Non-condensing)
Dimension (mm)	130 (L) x 78 (W) x 18.5 (H)

System Architecture

HUB

HDE-972PM-R-BS

RS-485

x 128 Locks

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RS-485 Reader

Max. 128 Mailboxes