Parameters

Electrical Parameters:

Working voltage	12-30VDC
Power consumption	24mA/24VDC
Card type	MIFARE ONE S50 13.56MHz

Environmental Conditions:

Working temperature	-5℃~45℃
Working relative humidity	Up to 90%
Storage temperature	-20℃~+60℃
Storage relative humidity	Up to 93%

Approved

CE

RoHS

Product Information:

Dimensions	86×86×32 (mm)
Net weight	109(g)
Housing material	Aluminum, ABS
Installation	EU wall box
Protection rating	IP20

Important Notes

- Buspro cable — CAT5E or HDL Bus/KNX cable.
- Buspro Connection — Series connection (hand-in-hand).
- Installation — EU wall box.
- Third-party Card: when use the third-party RF card, make sure open the password of data area.

Installation Steps

- Connect bus cables. Make sure the color of wire complies with the definition.
- Make sure the Bus cable type is correct and has no short circuit.

HDL Buspro Cable Guide

CAT5/CAT5E	HDL Buspro	HDLBuspro/KNX
Brown/ Orange	DC24V	Red
Brown white/ Orange white	COM	Black
Blue white/Green white	DATA-	White
Blue/ Green	DATA+	Yellow

Overview

HDL-MPCH01.48 is a card key switch panel for energy control of hotel guest room and it has built-in Mirare FR card reader. Guest card, service card, cleaner card, maintenance staff card, manager card, etc can be recognized by this device.
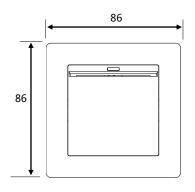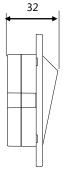
Functions

- Master card for energy & power management.
- ID recognition, enables different scenes for different types of cards.
- Type of card: Guest card, service card, cleaner card, maintenance staff card, manager card, etc.
- Control of Mechanical switch can be configured when insert the card or take off the card, maximum 49 targets can be controlled by the switch. Maximum 99 targets can be controlled under other key modes.
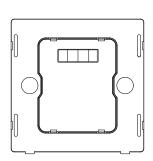- Online upgrading from Buspro is available.

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Dimensions and Wiring

Front view

Side view

Back view

Indicator

Card slot

HDL Buspro

COM D- D+ DC24V

Notes :

Card : New cards have to be assigned by the hotel guest room management software.

Totally 5 card types: Guest card, service card, cleaner card, maintenance staff card, manager card. Different control target when use different card.

Indicator: After power on，it turns to red. It turns to green after insert the card.

Master Card panel: The info of the panel should match the info of the card.

Safety Precautions ⚠ WARNING

- The screw down torque should not exceed 0.2Nm.
- Do not make wrong connection on Buspro interface, it will damage the Buspro interface of this module.
- Do not get AC power into Bus wire，it will damage all devices in the system.
- Ensure good ventilation.
- Avoid contact with liquids and aggressive gases.

Package Contents

- Datasheet*1 / Device *1 / Screws*2

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