

Card Reader - Surface mount

The **Kadex®** Card Reader is designed as a surface mount MIFARE reader for applications such as access control and time registration.

It supports transponders according to the ISO14443 - A standard.

The Card Reader can be used in online and offline operation. In absence of the Ethernet connection, the reader will automatically switch to offline mode. Predefined TAGS (up to 100 pieces) will have access in the offline mode.

Because of the 100/10BASE-T Ethernet interface is the ideal reader for easy integration into an existing LAN environment. The integrated Power over Ethernet ensures an easy and safe installation.

Flush-mounted box must have:

- A minimum space of 57x31 mm in vertical and straight line.
- We recommend using a wall box with a rotating ring.
- Flush-mounted box must be at least 40 mm deep.

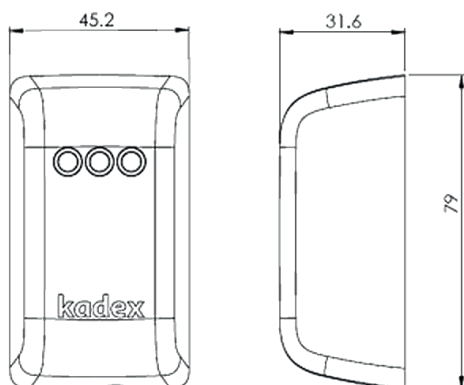
All inputs and outputs such as LEDs, buzzer and relay contacts are controlled by the Kadex Pro Server.

Software updates and upgrades can be installed remotely (FOTA) from the Kadex Pro Server. The Kadex Pro Server automatically checks the product for correct operation.



VARIATIONS

| | |
|-----------------------------------|-----------|
| Card Reader Surface Mount - white | 210104200 |
| Card Reader Surface Mount - black | 210104203 |



General Information

| | |
|----------------------------|---|
| Housing | PC/ABS |
| Colour | White, off-white, black |
| Weight | 210 gram |
| Protection class | IP 20 |
| Operation Frequency | 13.56 MHz |
| Power supply | Power over Ethernet (PoE) IEEE802.3af (44-54V DC) |
| Current consumption | <1W |
| Supported tags | Mifare classic, ultralight, 1k, 4k |
| Antenna | Integrated |
| Installation wire diameter | 2.5 mm ² |
| Feedback | Buzzer, RGB LED |
| Measurements | See drawing |
| Temperature range | |
| Operation | -10 °C up to 40 °C |
| Storage | -20 °C up to 70 °C |
| Relative air humidity | 90% at 25 °C |
| Relative air humidity | 90% at 25 °C |

CE conformity according to directive 2014/53/EU (RED)

| | |
|-------------|----------------------------|
| Radio | EN 302 291-2 V1.1.1 |
| EMC | EN 301 489-3:V1.4.1 |
| Safety | EN 62368-1:2014 + A11:2017 |
| Environment | RoHS 2011/65/EU |

* Valid for item

Scope of delivery:
- Card Reader Flush Mount