

An Integrated Solution

The VFJ contactless card reader, LCW-100, combines both the reader and antenna in one small package. It is suited ideally to fit in "299 electrical box". The unit utilises the MIFARE® technology as part of its integrated solution. The LCW-100 will also provide both audio and visual feedback with an integrated buzzer and series of LED indicators, and an optional keypad.

Flexibility

The optional keypad of LCW-100 provides those users with the additional security of having to both enter a PIN and present the card. The device also comes with an extensive list of field installable options, such as a power supply unit.

Connectability

The LCW-100 comes with a standard Wiegand communication interface. The reader is usually connected to a controller to control the access right.

Applications

LCW-100 is specially designed for access control application. It complies to ISO/IEC 14443 type A standards.



Ordering

LCW - 100	LCW Contactless Card Reader
LCW - 100K	LCW Contactless Card Reader (with keypad)

Field Installable Options

SPC - 100	12V Power Supply unit
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Technical Specification

General Parameters

- Power input: +12VDC \pm 2%, <250mA, regulated, max 50mV ripple
- Operational temperature range: 0° C to +70° C
- Storage temperature range: -20° C to +85° C
- Humidity range: 10% to 90%
- Dimensions: 95 x 95 x 30 mm
- Weight: 150 grams

General Features

- Built-in Mifare® Module with internal integrated antenna
- Up to 70 mm card reading operation range using Mifare cards (with selected cards)
- Two sets of LEDs (red, green) and a fixed tone buzzer
- Wiegand communication interface
- 2 input ports of TTL level (active low) for LED and buzzer control
- 3 x 4 numeric keypad (0,1...9, * and # keys, optional)
- Wall mounting to be fitted in "299 electrical box"
- Water resistant case