**RY01KP**
( Proximity Reader)

## Features
- Metallic Housing
- Vandal Resistant
- Weather Proof – IP65
- Silver or Rose Gold Housing (custom colors available)
- Backlit Touchkeys and OLED Display
- Large Bright Indicator – Blue / Green light
- Multi-Prox Technology
- Low Power consumption
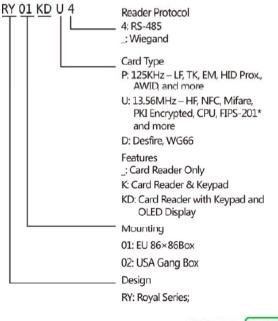- Europe size – Europe & Chinese Standard

## Description

This superior quality Proximity reader is rugged, weather-resistant and attractive in design. Blue backlit LED assist operation in low or no light conditions. With the internal sounder, RY01KP provides superior accessibility.

RY01KP can be easily disinfected in areas where hygiene is important, and has an exceptionally long life due to no moving parts. The unit resists the elements such as glue, oil, rain, ice, snow. Ideal for hospitals, industrial and commercial application.

This dual-application product has advanced reader features for wide compatibility with different controller types including multiple RFID card transmission formats, LED & Buzzer control.

## Specifications

- Modulation: ASK at 125 kHz
- Technology : LF, TK, EM, AWID, HID Prox. and more
- Maximum read range*: 100mm (4.00in.)
- Compatible cards: 26/34 Bits Wiegand EM compatible
- Output: W26/34 Options
- Operating Voltage: 7-12VDC
- Operating Current: ≤80mA
- Standby Current:≤50mA
- Working Temperature: -20°C to 65°C (-4°F to 150°F)
- Operating Humidity: 0 to 95%
- Dimensions: 91mm L x 91mm W x 30mm D

## Model Definition

RY 01 KD U 4

**Reader Protocol**
4: RS-485
_: Wiegand

**Card Type**
P: 125KHz – LF, TK, EM, HID Prox., AWID, and more
U: 13.56MHz – HF, NFC, Mifare, PKI Encrypted, CPU, FIPS-201* and more
D: Desfire, WG66

**Features**
_: Card Reader Only
K: Card Reader & Keypad
KD: Card Reader with Keypad and OLED Display

**Mounting**
01: EU 86×86Box
02: USA Gang Box

**Design**
RY: Royal Series;

CE  FC  RoHS COMPLIANT