



**RY02KDP-4**

## Royal Series

### USA Single Gang Box Standard Reader



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



**RY02P**

**RY02KDP**

**RY02KP**

\* - Card Number Only

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## Features



Multi-Technology Card Reader

- P: 125KHz – LF, RF, EM, TK, HID Prox., AWID and others

- U: 13.56MHz – HF, Mifare, DesFire, NFC, PKI Encrypted, CPU, FIPS-201\*



Wiegand 26 & 34Bits Output, Field Selectable – 4-6 Wire

RS-485 output - 2 wire secured communication, up to 4000ft. distance



Low Power consumption



Single “Gang” size – USA Standard

## Specification

| Model                       | P                                    | U   |
|-----------------------------|--------------------------------------|---|
| <b>Frequency</b>            | 125KHz                               | 13.56MHz  |
| <b>Technology</b>           | LF, TK, EM, AWID, HID Prox. and more | HF, Mifare, Desfire, PKI Encrypted, NFC, CPU, FIPS-201*, and more |
| <b>Encryption</b>           | Manchester                           | 3Des  |
| <b>Read Range</b>           | ~4'                                  | ~2'   |
| <b>Power</b>                | 7 – 15 Vdc                           |   |
| <b>Current – No Display</b> | ≤50mA                                | ≤80mA   |
| <b>Current with Display</b> | ≤80mA                                | ≤150mA  |
| <b>Temperature</b>          | -4°F - 150°F                         |   |
| <b>Humidity</b>             | 95% RH                               |   |
| <b>Dimension</b>            | 2¾' × 4¾' × 1⅛'                      |   |

**RY 02 KD P 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 86×86 Box

02: USA Gang Box

## Network Diagram

系统图

Network

