



Dual RFID Proximity Reader

Dual Line / Dual Cube Dual Pin Line / Dual Pin Cube

Dual RFID Proximity reader works at 125 kHz and 13.56 MHz frequency with NFC technology fully supported

COMINFO's Dual RFID Proximity readers support RFID cards and tags at 125 kHz and 13.56 Mhz frequency in read-only or read/write mode. They are also compatible with NFC technology.

These smart devices for contactless identification stand out for their luxurious design and glass surface with intuitive LED backlight as a navigation light. In addition, their key features also are an automatic dimming (in light conditions it makes the LED backlight brighter) and vibration feedback when a key is pressed for PIN input.

According to the configuration, Dual RFID Proximity readers are equipped with WIEGAND, RS485 and USB interfaces for easy communication with other devices.

Benefits

- Automatic LED backlight-dimming
- Vibration feedback for PIN input
- Luxurious design in two colours
- Combination of glass elements and an intuitive LED backlight as guidance light
- Compact housing for easy implementation and any purpose
- Various types of output communication interface
- Support standard types of RFID cards and tags at 125 kHz and 13.56 MHz
- Available in rectangular and square shape

Depending on the request there are two versions:

- **Standard** – DUAL LINE, DUAL CUBE;
- **With touch keypad** – DUAL PIN LINE, DUAL PIN CUBE for numerical PIN input.



| Model | DUAL LINE | DUAL PIN LINE | DUAL CUBE | DUAL PIN CUBE |
|--|---|---------------|--|---------------|
| Dimensions | 123 × 53 × 20 mm 4.84" × 2.09" × 0.79" | | 85 × 85 × 20 mm 3.35" × 3.35" × 0.79" | |
| Housing material | PC UL94 V-0, glass | | | |
| Signalling | White, green, red + ambient sensor for optimal brightness | | | |
| Operating environment | IP 65 Indoor/Outdoor -25 °C to +65 °C 0-95% relative humidity | | | |
| Connection | Pigtail 0.75 m | | | |
| Operating voltage range | 5-13.8 VDC | | | |
| Current draw | 65 mA / 165 mA (standby/peak) by 12 VDC | | | |
| Output communication interface | Wiegand RS485 USB | | | |
| Supported cards & reading distance working at 125 kHz | HID Prox® (various format) up to 8 cm EM Microelectronics H4102, H4200 CASI-RUSCO® up to 6 cm HITAG1 HITAG1, HITAG2, HITAG-S up to 6 cm CASI-RUSCO® up to 6 cm | | | |
| Supported cards & reading distance working at 13.56 MHz | Cards according (ISO 14443A, B) MIFARE Ultralight up to 8 cm MIFARE Classic up to 8 cm MIFARE DESFIRE® up to 6 cm Cards according (ISO 15693) Tag-It™ up to 7 cm ICODE® up to 6 cm EM4035 up to 8 cm | | | |
| NFC technology (ISO 18092) & reading distance | Mode Reader/Writer up to 4 cm Mode Card emulation up to 4 cm Mode Peer-to-peer up to 4 cm | | | |
| Security | DES 3DES, AES according card specifications Total 128 authentication keys of 64 bit (or 64 keys of 128 bit) | | | |



DUAL LINE



DUAL PIN LINE



DUAL CUBE



DUAL PIN CUBE