KPAD

High Security Keypad & Card Reader (Mobile Credential Ready)

The KPAD from CDVI is a high security keypad and dual technology card reader operating at 125 kHz and 13.56 MHz.

The KPAD has been enhanced by our engineers to deliver superior performance, including improved resistance to extreme temperatures, extended read range, faster action and a more robust enclosure.

Its backlit keys offer a polished look and enhanced visibility in any lighting condition. With a new touch sensitive technology that stays responsive even under heavy rain or snow.

The KPAD is compatible with all CDVI access control systems that offer the KRYPTO solution.

KPAD - Designed to Impress, Built to Last!

Certification

Certification

Certification

-40°F to 185°F
-40°C to 85°C

IP65

DEEE

RoHS

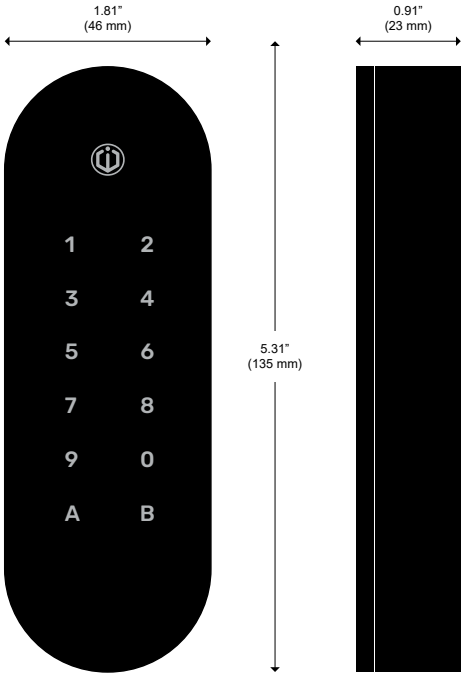


KRYPTO HIGH SECURITY SOLUTION

MIFARE

OSDP™

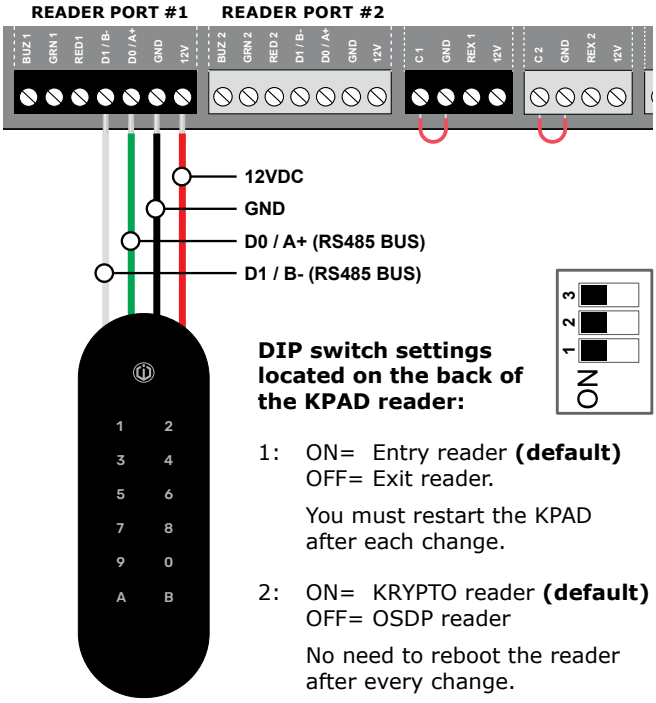
- Compatible with all CDVI access control systems that offer the KRYPTO solution
- New and improved touch sensitive technology
- Compatible with KRYPTO Mobile-PASS
- FULLY secure RS-485 connection (4 wire)
- Technology: Reads 13.56 MHz (MIFARE® Classic and DESFire EV2), 125 KHz, OSDP-2 and Bluetooth compatible
- Up to 2.4” (6 cm) read range
- Power requirements: 12V DC
- Current consumption (Standby) : 80 mA



QUICK START INSTALLATION GUIDE

WIRING DIAGRAM

A22K CONTROLLER



DIP switch settings located on the back of the KPAD reader:

1: ON= Entry reader **(default)**
OFF= Exit reader.

You must restart the KPAD after each change.

2: ON= KRYPTO reader **(default)**
OFF= OSDP reader

No need to reboot the reader after every change.

3: CDVI internal use ONLY.

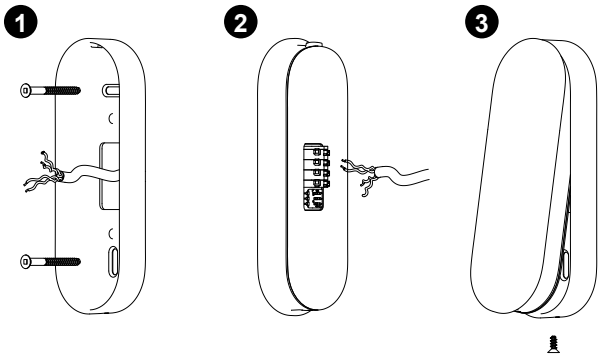
It is recommended to use twisted pair wiring as shown below between the reader and the controller.



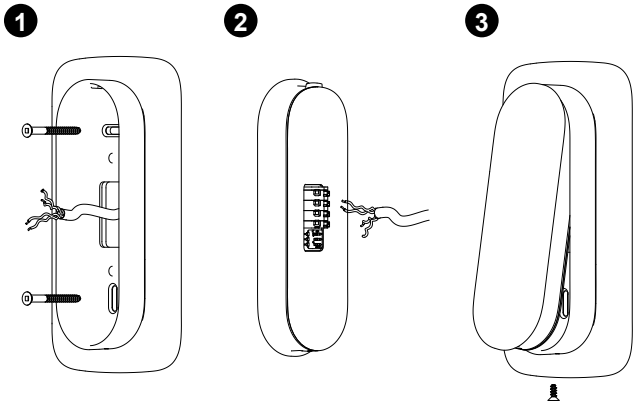
Furthest reader can be installed up to 4,000 ft (1220 m) from the controller (AWG 22 cable).

When there are two readers close to each other, it is recommended to offset them by at least 8 inches (20 cm) to avoid reading signal interference.

MOUNTING



Assembly with the KMOUNT plate:



The optimal installation height is between 50 and 56 inches (127 and 142 cm) above the finished floor.

LED STATUS INDICATORS

Description	LED State	Buzzer
Standby (door secure)	Steady blue	-
Access granted	Turn green for 5 sec.	Chirp beep
Access denied	5 rapid red blinks	Steady beep for 3 sec.
Reader compromised (lost its encryption key)	Flashing blue	-
Door unlock schedule	Blinks green every 3 sec.	-
Door forced alarm	Flashing red	Steady beep
Door open too long pre-alarm	Flashing red	Beep every 2 sec.
Door open too long alarm	Flashing red rapidly	Fast beep

All the information contained within this document (pictures, drawing, features, specifications and dimensions) could be perceptibly different and can be changed without prior notice.
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