Soyal Pin Reader

Key Features:

- Capacitive key pad touch buttons
- Weatherproof outdoor design
- RS485 communication interface

Technical Specifications:

Name	Details
Input Voltage	9-24VDC
Communication Interface	RS485
Communication standards	125kHz, 13.56MHz (MIFARE Classic/Ultralight)
Button	Push button capacitive touch
Indicators	Red/Greed LED, buzzer
Operating temperature	20 – 70C
Configuration methods	Factory configured
Cabling	Cat5e/Cat6 up to 100m
Housing	Metal, Plastic
Color	Silver
Dimension	158mm(H)x55mm(W)x30mm(D)

Operating Instructions:

The reader must be connected to the GymMaster Gatekeeper access control unit. A member of the facility who Has the rights to access the door can enter their pin followed by the '#' or present their key fob to the reader. The access control unit will then verify the access and let the reader respond with the following:

- If the access is granted, the reader will flash green and beep once.

- If the access is denied, the reader will flash red and make a deny sound.

- On idle, the reader will flash green from time to time.

Wiring instructions:

The reader uses RS485 communications and comes pre-wired for testing. Below shows what the wires correspond to:

⚫ Black = Ground   🔴 Red = 12V   🔵 Blue = A   🟢 Green = B

It is recommended to use dedicated data cable, cat5e or cat6, over a maximum of 100 meters (110 yds).

Wiring instructions can be found in: https://gymmaster.com/hardware-documents

If you require any help or encounter any issues, please contact GymMaster