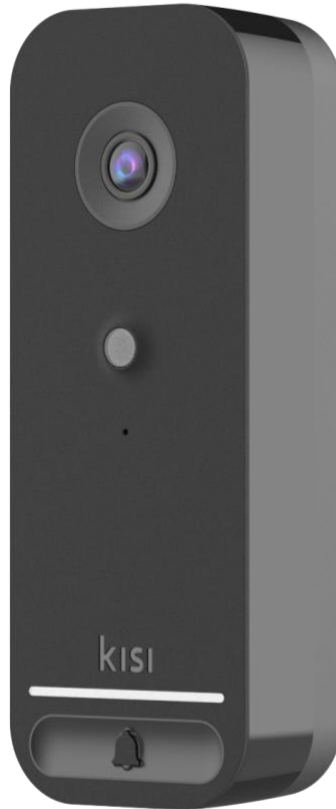


K0402 Quick Start Guide



K0402 All-in-one Access Control Reader

Installation

Installation to be performed only by certified installer

Power Sourcing Requirement

PoE+ (802.3at Type 2) 30W

Unit to be powered by UL294B certified IEEE PoE+ 802.3at Type 2 Power Sourcing

Equipment using unshielded Cat5e or better cable with a maximum cable length of 330 feet (100 meters)

A ULC 60839-11-1 Listed power supply with appropriate grade is required to be provided for ULC installations

Cable Length Guidelines

Wiegand/OSDP Badge Reader max: 5 ft – 22 AWG (1.5 m)

Wiegand Panel max: 500 ft – 22 AWG (152 m), 300 ft – 24 AWG (91 m)

OSDP Panel max: 4000 ft – 24 AWG (1,219 m)

Connect Power over Ethernet Cable (PoE)

- K0402 Uses 802.3at (PoE+)
- Connect Cat5/6 Ethernet to RJ45 on pigtail of the K0402
- Use Kisi setup app to confirm the device activation is successful

Wiegand Input/Output Wiring Diagram

Wiegand	
Output Wiegand 0	Green / Black
Output Wiegand 1	Orange / Black
Input Wiegand 0	Burgundy / Blue
Input Wiegand 1	Brown / White
Ground	Black

OSDP / RS485 Connections

OSDP / RS485	
RS485 A	Orange / White
RS485B	Green / White
Ground	Black

Additional Wiring Diagrams

Inputs	
Input 1	Green / Yellow
Input 2	White
Ground	Brown / Yellow

Specifications

- Max enrolled faces/templates: 10,000
- Ethernet/PoE+ and Wiegand cables: Class II / Power Limited
- Operating temperature: 0°C to 45°C
- Not for connection to telephone or outside wiring as per NEC Article 800 (NFPA 70)

FCC Notice

Federal Communications Commission (FCC) Statement

15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated, keeping the radiator at least 20cm or more away from the person's body.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING: Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment.

Caution - Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure

CLASS 1 LASER PRODUCT

IEC 60825-1:2014