

Product features

The OC1 advanced access control interface provides an OSDP Secure communications link to a compatible Third Millennium OSDP reader.

The OC1 (and OSDP reader) reuse existing reader cabling to minimise installation cost, and will eliminate the security vulnerability of the traditional Wiegand interface between an access control reader and the control panel.

Mounted close to the control panel, the OC1 provides a compatible Wiegand output to allow the security of an access control system to be upgraded cost-effectively.

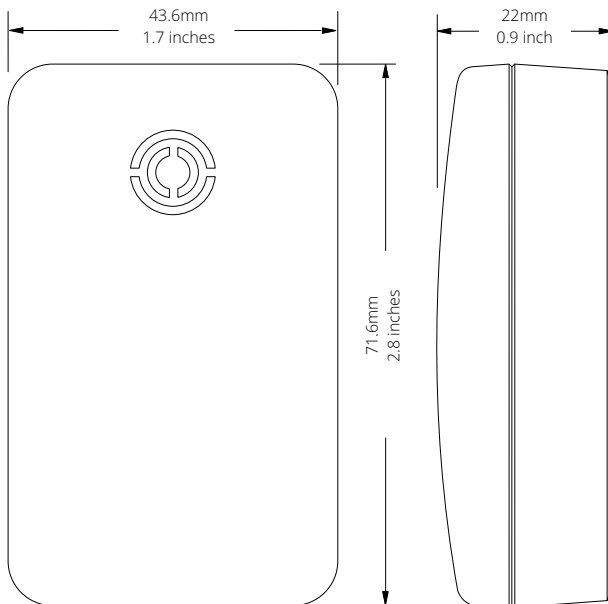
The integrated RGB LED provides a visual indication of the state of the link between the OC1 and the reader.

Interfacing

The OC1 communicates using OSDP Secure to the reader over an existing reader cable, and outputs the card data to an access control panel. In addition to the Wiegand output from the OC1, a flexible interface is also provided to control the LED and buzzer at the reader.

Quality design

Third Millennium has more than 20 years of award-winning experience in the design and manufacture of RFID technology, and the delivery of world class, state-of-the-art access control projects to our many global partners.



OC1



Key Features

- OSDP Secure communication
- Use existing cabling
- Easy access
- Communicates with Third Millennium OSDP readers
- UK design and manufacture
- Matt black finish
- Slim profile
- RGB LED
- 1 year limited warranty

Technologies supported



THIS UNIT DOES NOT EMIT RFID

CUSTOMER CONFIGURATION

All our readers are fully configurable to your specification and requirements.



reader credential solutions

technology access control readers credentials

Depending on the level of reader design you choose, a variety of control outputs can be applied, including multiple card formats, LED colours and external control options.

Specifications



Mechanical

Dimensions: 72 x 44 x 25 mm (2.8 x 1.7 x 1.0 inches)
 Housing: Moulded polycarbonate
 Mounting: Suitable plain surface
 Fixing: Customer discretion - e.g., cable tie / adhesive pad

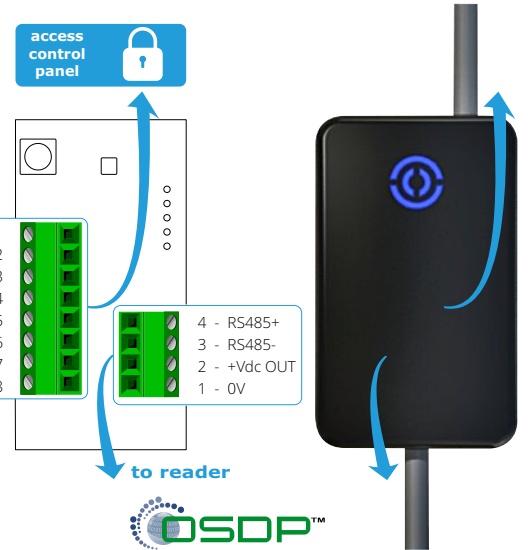
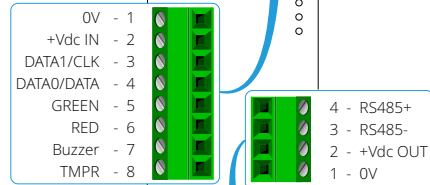
Environmental

Operating Temperature: -0°C to +49°C
 Humidity: 85±5% at 30±2°C (86±3°F)
 Positioning: Suitable for INDOOR use only (SECURE AREA)

Electrical

Voltage: +10Vdc to +16Vdc
 Current: 34mA (without reader)
 Data Voltage: Rest >4Vdc / Active <1Vdc
 Communications: OSDP - Wiegand / Clock and Data
 Indication: 1 RGB LED
 Sounder: NO

Connection



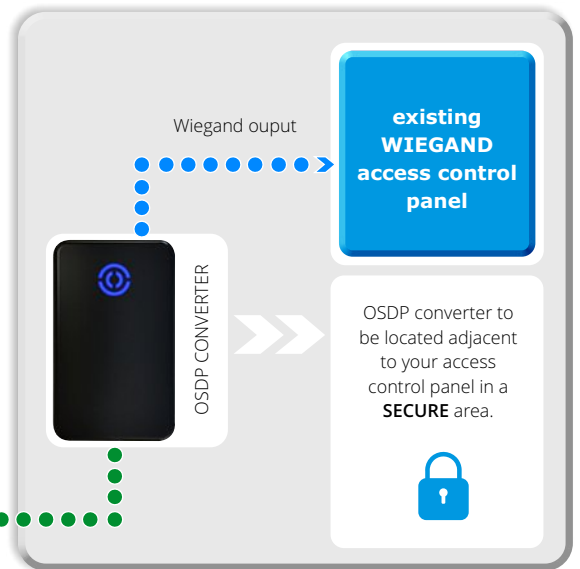
Certifications

| UL294 | CE marked | RoHS | WEEE |

Reader access solutions (standard configurations)

compatible readers	part No.
RX1	RX190PLUS
RX1K	RX1K90PLUS
RX2	RX290PLUS
RX3	RX390PLUS
RX3K	RX3K90PLUS
RX4	RX490PLUS

Third Millennium OSDP compatible reader



The RX SERIES of access control readers

