

Room Display Unit (RDU-4)



The RDU-4 stylish user interfaces from Titan Products are designed to provide adjustment of temperature, fan speed and other settings at the touch of a button when used with our BACnet controllers.

The RDU-4 is available in white or brushed stainless steel as standard, however can be supplied in different high end finishes and colours to match customer requirements.

The standard RDU-4 is perfect for office and residential environments while the RDU-4/CR card reader version is designed specifically for the hotel market and can be used in conjunction with the DND room access corridor plate. The card reader version includes features such as 'make my room' and 'do not disturb' which can be integrated into a hotel BMS system, via the associated BACnet controller.

The RDU-4 allows (through engineers pass code) access to amend the associated BACnet controllers pre-programmed settings. The RDU-4 also has an on-board temperature sensor, removing the need to connect a remote sensor to the BACnet controllers. The RDU-4 takes its power from the controller via a simple plug in RJ11 cable, saving installation costs and time.

Specification

| | |
|------------------------|--|
| Operating Temperature: | 5 - 50°C |
| Operating Humidity: | 5 - 80% RH non-condensing |
| Power Consumption: | 3VA (excludes associated controller power consumption) |
| Connecting Cable: | RJ11/6x6 (supplied by Titan Products) |
| Power Supply: | Supplied via RJ11/6x6 cable when connected to controller |
| Back Box Requirements: | 35mm min depth. European double gang |

Note: The RDU-4 is designed for use with Titan Products BACnet controllers only. Contact Titan Products for full compatibility details.



RDU-4/CR

Product Codes

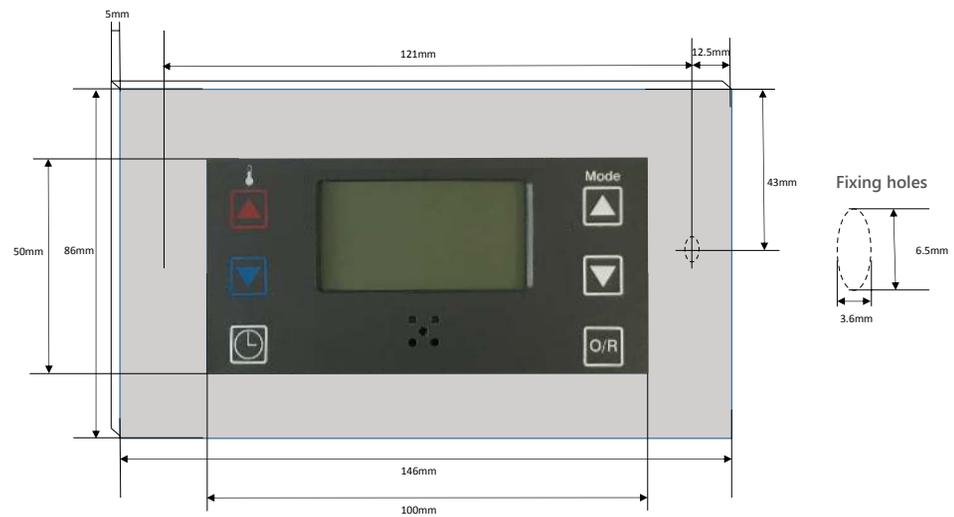
| Product Code | Description |
|------------------------|---|
| RDU-4/SM/STD/W | Standard, surface mount, white finish |
| RDU-4/F/STD/W | Standard, flush mount, white finish |
| RDU-4/F/BSS | Standard, flush mount, brushed stainless steel finish |
| RDU-4/F/POC | Standard, flush mount, polished chrome finish |
| RDU-4/F/STD/W/6Button | 6 button time scheduling, flush mount, white finish |
| RDU-4/F/STD/W/5Button | 5 button time scheduling, flush mount, white finish |
| RDU-4/SM/STD/W/6Button | 6 button time scheduling, surface mount, white finish |
| RDU-4/SM/STD/W/5Button | 5 button time scheduling, surface mount, white finish |
| RDU-4/F/BSS/6Button | 6 button time scheduling, flush mount, brushed stainless steel finish |
| RDU-4/F/BSS/5Button | 5 button time scheduling, flush mount, brushed stainless steel finish |
| RDU-4/F/POC/6Button | 6 button time scheduling, flush mount, polished chrome finish |
| RDU-4/F/POC/5Button | 5 button time scheduling, flush mount, polished chrome finish |
| RDU-4/F/STD/W/CR | Flush mount, white finish with card reader |
| RDU-4/F/BSS/CR | Flush mount, brushed stainless steel finish with card reader |
| RDU-4/F/POC/CR | Flush mount, polished chrome finish with card reader |



DND corridor plate

Dimensions

Front



Back



RJ11 cable connection

Installation Notes

To access fixing holes please remove the RDU surround

Fixing holes suitable for M3.5 screws

The RDU is designed to fit a standard double gang back-box. Minimum depth of back-box required is 35mm

Connect Titan RJ11/6x6/10m lead from FCU-4 or FCU-501 controller

Power FCU controller (RDU takes power via RJ11/6x6/10m cable)

RDU Placement

If using the on-board temperature sensor within the RDU as the control sensor, please ensure the RDU is mounted in a position that best represents the comfort conditions of the space. Mount away from any windows and door that could create a heat or cool source and skew the temperature reading. The RDU should be mounted away from direct sun light, draughts and other heating or cooling equipment such as radiators or fan coil air supply streams.

If it is not possible to mount the RDU in a suitable place for air temperature monitoring, a remote sensor is recommended. This sensor can be connected directly into the associated controller. Please contact Titan Products for sensor options

Finishes



The RDU-4 is available with white plastic or brushed stainless steel surround as standard. We also offer a number of luxurious finishes with options to match the surround to any RAL colour to ensure the RDU matches your project colour scheme. See below swatches for example finishes we can offer.

