

# RDU4 Room Temperature Control Unit



The RDU4 room temperature control unit has been specifically designed to provide an integrated user interface for all of TITAN Products BACnet controls range. The standard RDU can be used in a number of office environments while the card reader version is designed specifically for Hotel Bedrooms 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' along with a room buzzer that can all be integrated into a hotel BMS system.

The RDU/4 is available as a surface mounted or flush wall mounted control device which can be supplied in a number of different plate finishes and colours to match the customers decorative requirements.

With a stylist design and use of the latest electronic technology the RDU4 user interface ensures complete comfort control.

### Specification

Power Supply:	24V AC/DC (+/- 15%)
Power Consumption:	20mA plus output loads
Inputs:	10K3A1 Thermistor/s 2 x 0-10V (reset options) 1 x DI (On/Off, ECO, Frost)
Output:	3 x 0-10V (5mA max.) control 1 x 0-10V (5mA max) monitoring 2 x 24V AC (300mA max) control & fault detection
Settings & Options:	All by digital display
Operating Conditions:	-5+40°C 0-80% Humidity non condensing
Dimensions:	93mm high, 124mm wide, 48mm deep

### Product Codes

Product Code	Description
RDU4/F/POC	Standard Flush mounted Polished Chrome Finish
RDU4/F/BSS	Standard Flush mounted Brushed Stainless Steel Finish
RDU4/S/STW	White Surface Mount Box

Add CR to product code for Card Reader option.  
Not available in surface mount version.

### Features

- Graphical User Display
- Touch Sensitive Keys for operational selections
- Temperature setpoint selection and indication
- Indication of Heat and Cool conditions
- Actual Temperature indication (option selectable)
- Fan Speed Selection Off/AUTO/1/2/3
- Guest card insert with optical detection.
- Make Up Room selection and indication
- Do Not Enter room selection and indication.
- Inbuilt Door Entry Buzzer
- Integration to optional corridor plate
- Integration to Hotel Letting System Via BACnet Fan Coil Controller.
- Flush Mounted Design
- Activation and monitoring of other bedroom functions such as:
  - Room Power/Lighting relay
  - Window Open Contacts
  - Bathroom Alarm



RDU4/CR



RDU4/SM



DND Corridor Plate

This year will see the introduction to the RDU4 Crystal Collection. This range will incorporate all the features of the current standard RDU4 however they will be available in an impressive glass finish. For more details on the Crystal Collection please contact the sales team or visit [www.titanproducts.com](http://www.titanproducts.com)

