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 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 it power from the controller via a simple plug in RJ11 cable, saving installation costs and time.

Specification

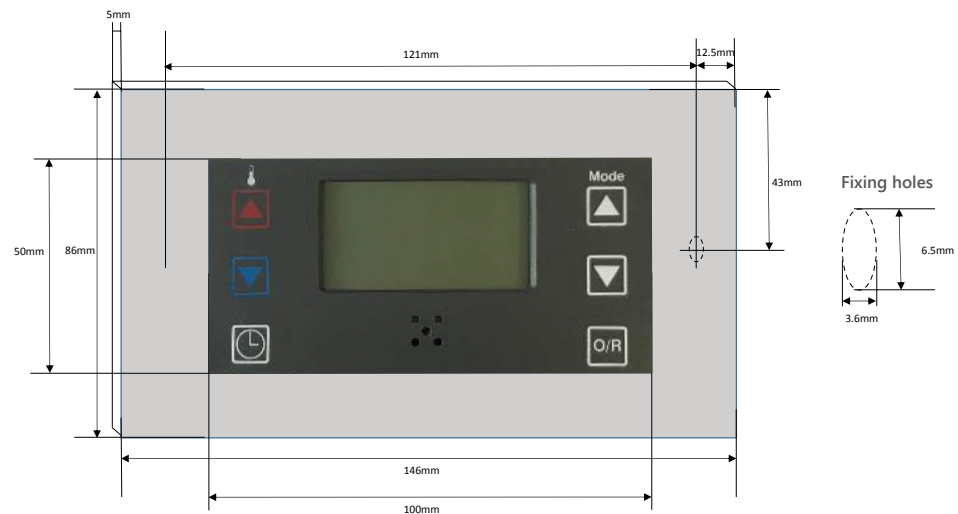|	
Operating Temperature:	5 - 50°C
Operating Humidity:	5 - 80% RH non-condensing
Power Consumption:	3VA (excludes associated controller power consumption)
Connecting Cable:	RJ11/6x6 (supplied by Titan Products)
Power Supply:	Supplied via RJ11/6x6 cable when connected to controller
Back Box Requirements: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

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

Dimensions

Front

5mm
121mm
12.5mm
43mm
50mm
86mm
146mm
100mm

Fixing holes
6.5mm
3.6mm

Back

173120

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 is 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

TITAN
Products Ltd.

Finishes

White Plastic

Polished Brass

Polished Chrome

Brushed Stainless Steel

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.

| Polished Brass | Satin Brass | Antique Brass | Bronze Antique | Chocolate Bronze | Jordan Bronze |

| Polished Stainless Steel | Satin Stainless Steel | Polished Chrome | Satin Chrome | Polished Nickel | Satin Nickel |

TITAN
Products Ltd.