TITAN PRODUCTS
Simplify the Complex®

ROOM DISPLAY UNIT (RDU-TOUCH)

RDU-TOUCH FEATURES

- Fully capacitive touch screen
- Set local room comfort conditions
- Inbuilt temperature sensor
- Range of finishes available
- RAL matching on surrounds available
- POE type connection from connected controller for quick and simple installation

The RDU-Touch provides a high end user experience when connected to compatible Titan Products BACnet controllers. Offering high quality material finishes along with attractive and intuitive touch screen interfaces, the RDU-Touch is the perfect tool for setting temperature comfort conditions within the associated space.

The RDU-Touch surround is available in a number of luxurious finishes with options to match the surround to any RAL colour ensuring the RDU-Touch matches the project colour schemes.

An integrated temperature sensor is supplied as standard with the RDU-Touch to remove the need for remote room temperature sensors, saving on install and cabling costs.

The RDU-Touch is fully compatible with the Titan Products RDU-T/HUB allowing for multiple RDU-Touch units to be connected to the associated BACnet controller. See RDU-T/Hub datasheet for more details.

SPECIFICATION

Power Supply:	Supplied via RJ45 cable when connected to controller
Power Consumption:	5VA (excludes associated controller power consumption)
Connecting Cable:	RJ45 straight through (supplied by Titan Products)
Operating Temperature:	5 - 50°C
Operating Humidity:	5 - 80% RH non-condensing
Temperature Sensor Accuracy:	+/-1°C
Back Box Requirements:	35mm min depth. European double gang
Product Code:	RDU-Touch Add /W for white RAL9016 metal surround or /B for black RAL9005 metal surround *Other finishes available, please contact the sales team for details.*

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

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 doors 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.

INSTALLATION NOTES

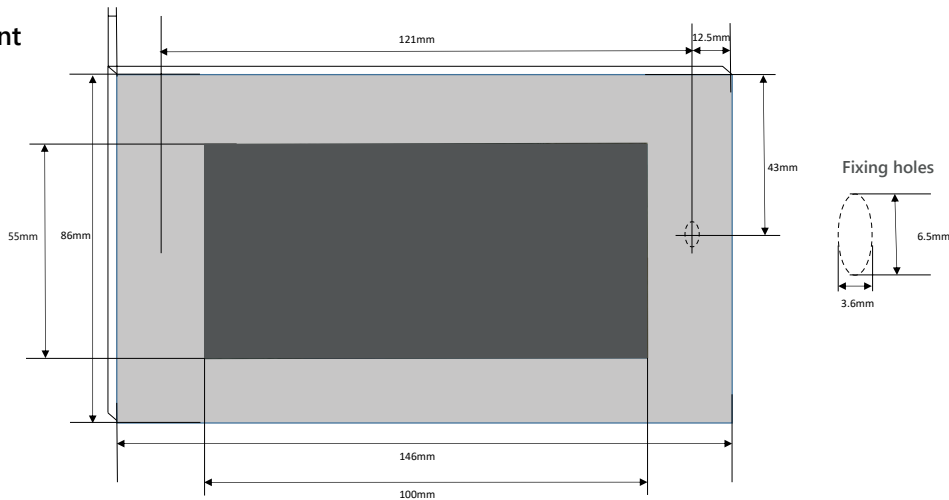To access fixing holes please remove the RDU surround.
Fixing holes suitable for M3.5 screws
The RDU is designed to fit a standard double gang back-box. Minimum depth of back-box required is 35mm.
Connect RDU-Touch to FCU-503 controller using RJ45 lead.
Power FCU-503 controller on (RDU takes power via RJ45/10m cable)

DIMENSIONS

Front

121mm   12.5mm

43mm   Fixing holes

6.5mm

3.6mm

55mm   86mm

146mm

100mm

Back

RJ45 connection to controller. RDU is powered from this connection reducing site wiring.

If RDU-Touch temperature sensor is in use, sensor information is passed to the connected controller via this connection also.

For further install and setup information please contact technical@titanproducts.com