

**TDS12025xx**

**AURUS-2 SENSE Motion sensor Touch panel**



The AURUS-2 SENSE is a motion sensor for residential use: light control in hall-ways, night halls etc. The motion sensor has a horizontal viewing angle of 100 degrees and a range of 12 meter. In addition, this glass touch panel has two capacitive push buttons, a built-in temperature sensor and a light sensor which can be used independently or combined with the motion sensor function (switch light ON only when the light level is low). The trigger level can be defined in PROSOFT Suite.

Includes a built-in infra-red receiver for remote control.

TELETASK only uses exclusive safety-glass with ceramic printing, hardened at 800°C for all AURUS family members.

**APPLICATION**

AUTOBUS compatible motion sensor / touch panel

**CHARACTERISTICS**

**General**

Solid safety-glass front plate, ceramic background printed and thermal hardened.

2 capacitive sensitive buttons.

1 hidden "CLEAN" button.

Motion sensor.

Light sensor.

Build-in infrared receiver for remote control (TDS12503).

Build-in temperature sensor for room temperature control (floor heating, ventilation heating, traditional heating and air-conditioning).

Buzzer.

**Motion sensor**

The motion sensor is a very sensitive pyroelectric infrared sensor.

Detection range (ambient temperature at 25°C):

- 100° horizontal (+50°, -50°)
- 90° vertical (+45°, -45°)
- Max. 12m

! Remark: Depending on the target's speed and its temperature difference with the surroundings, detection can occur at a range inferior or superior to the above value.

**Light sensor**

Measures the illumination in front of the AURUS-2 SENSE in a range from 1 to 10.000 lux.

**Order numbers**

TDS12025WH white

TDS12025BL black

TDS12025AU gold

TDS12025LG aluminium-grey

**Cleaning**

To temporary disable the touch buttons, press long in the centre of the upper side.

Use only dry microfiber cloth. Never use liquids or solvents!

The detecting performance will drop if dirt and dust adhere to the lens.

**SETTINGS**

**Configuration**

Via PROSOFT Suite (V3.4 or higher).

**AUTOBUS address**

Via two rotary switches "Tens" & "units".

**Jumpers**

Terminating resistor (supplied with the interface). To be used when the interface is at the physical end of the AUTOBUS cable.

**INSTALLATION**

**Installation considerations**

In some cases the AURUS-2 SENSE may not properly detect movement: lack of movement, no temperature change between the ambient and the heat source (human body) or movements that occur towards the AURUS-2 SENSE.

Detection of heat sources other than the human body, such as:

- animals entering the detection area
- white light source (sunlight, car headlights, etc.) directly hitting the AURUS-2 SENSE.
- sudden temperature changes in the detection area caused by humidifier water vapor emission, or air conditioning system hot/cold air emissions.

Difficulty in sensing the heat source:

- glass, acrylic or similar materials standing between the target and the AURUS-2 SENSE may not allow a correct transmission of infrared rays.
- movements too short / too fast of the heat source inside the detection area

Expansion of the detection area:

- in case of considerable difference in the ambient temperature and the human body temperature, detection area may be wider apart from the configured detection area.

**Ambient conditions**

The temperature difference between the target and the surroundings should be more than 4°C.

The AURUS-2 SENSE is not waterproof or dustproof. Avoid use in environments subject to excessive moisture, condensation, frost, containing salt air or dust.

**Standard mounting**

To be mounted with included wall bracket in about any standard single wall box.

Or order the TELETASK standard single wall box for brick walls ref. TDS90000AT. For plaster board or other hollow walls order ref. TDS90000PB.

To be placed in horizontal position.

To remove the AURUS-2 SENSE, place a flat-head screw driver in the provided slot at the back of the housing. A standard flat-head screw driver of 5x100mm (3/16x4in.) is recommended.

**Flush mounting**

Use Flush mounting box TDS90032 for flat mounting. For hollow walls this has to be combined with Alu frame TDS90031.

! Important remark: Normal operation of the temperature sensor may be disturbed with flush mounting.

**On-wall mounting**

Use the TDS90035 on-wall box in case of concrete, marble, ... walls, if the standard in-wall solution is not possible.

**Supply voltage**

12V supplied by the AUTOBUS (minimum 9V).

**CONNECTIONS**

**AUTOBUS**

AUTOBUS connector set supplied with this unit.

**POWER CONSUMPTION**

**AUTOBUS**

Max. 25 mA

**DIMENSIONS**

90W x 90H x 20D (mm) thickness on wall

**NET | GROSS WEIGHT**

0,130 kg | 0,240 kg

**PACKAGING CONTENT**

TDS12025

AUTOBUS connector set + terminating resistor

Wall bracket

**STORAGE**

**Temperature**

-20°C to +65°C

**Relative humidity**

15% to 85%

**IP PROTECTION RATE**

IP20

**OPERATING RANGE**

**Temperature**

0°C to +50°C max.

**Relative humidity**

5% to 80% at 25°C (non-condensing ambient)

**SCHEMATIC DRAWING**



