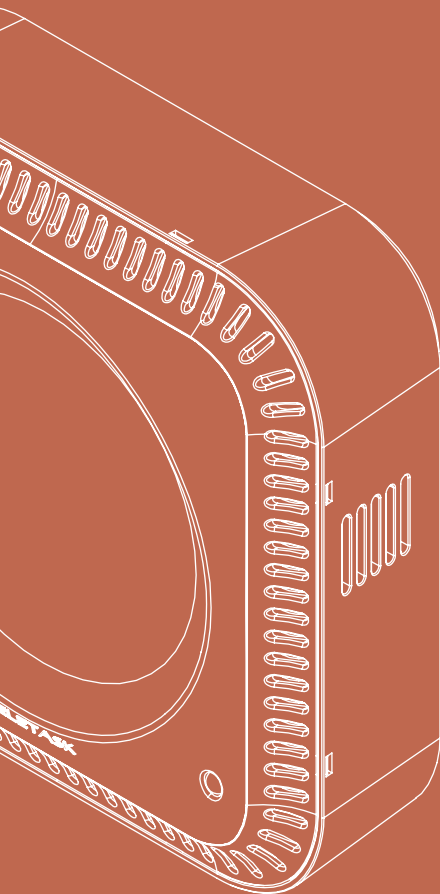




TELETASK

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MULTISENSOR

HEALTHY AIR, AUTOMATICALLY UNDER CONTROL

A healthy and comfortable indoor climate starts with knowing what is happening in the air. The TELETASK MULTISENSOR combines several room sensors in one compact AUTOBUS interface. Depending on the version, it continuously measures temperature, relative humidity, VOCs, CO₂, air pressure and particulate matter.

But measuring alone is not enough. The strength of the TELETASK-system lies in what it does with this information. The measured values can be displayed, trigger notifications and be used to control specifically ventilation, but also the full HVAC system.

This makes air quality a fully integrated part of your TELETASK-system. When air quality changes, the system can respond automatically. For example, ventilation and other connected functions can be controlled based on the measured values.

The current air quality is also visible at a glance via the indicator LED on the MULTISENSOR. Depending on the measured values, it changes from green to yellow, orange or red. The readings

can also be viewed on the displays of the TELETASK AURUS-OLED, PENTUS, OPUS and MAIOR control panels, and via the ATMOS mobile app.

INTELLIGENT AIR QUALITY

The MULTISENSOR can combine and interpret several parameters. The PURE version combines VOCs, CO₂ and particulate matter to determine overall air quality. If one of these parameters exceeds preset thresholds, the system will make this immediately visible and take automatic action by activating ventilation at a speed that corresponds to the level of pollution measured.

Ventilation speed can therefore be increased when air quality deteriorates and reduced again when the readings improve. The "ventilation engine" software built into your TELETASK-system as standard continuously adjusts its operation wherever and whenever necessary.

MULTISENSOR: THREE VERSIONS

The TELETASK MULTISENSOR is available in three versions, so you can choose the right sensor for your needs.





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ESSENTIAL – ref. TDS12263WH – 3 sensors

Measures temperature, relative humidity and VOCs. Suitable for rooms where no other TDS interfaces (control panels or separated sensors) are already measuring these parameters.

SAFE – ref. TDS12265WH – 5 sensors

Adds CO₂ and air pressure measurement to the ESSENTIAL version.

For example, use it in rooms occupied by people and where you want or need to monitor the CO₂ level. Typical applications include living rooms, bedrooms and any other space where many people may be present. When people breathe out, they increase the CO₂ level in the room, so additional ventilation may be advisable. Other typical applications include meeting rooms, offices, classrooms, restaurants, sports halls and more. If necessary, the levels can be permanently displayed as often obliged in public areas like in restaurants. You may also use the air pressure sensor to monitor potential storm weather. Particularly useful for people and businesses active in agriculture and horticulture.

PURE – ref. TDS12266WH – 6 sensors

The most complete version of the MULTISENSOR is the PURE version. It also adds particulate matter measurement, bringing the total to six built-in sensors. The sixth sensor measures three kinds of particles:

- ultrafine particles up to 1 µm

- fine particles up to 2.5 µm

- particles up to 10 µm

This is the ultimate way to determine air quality based on the amount of airborne particulate matter. The WHO provides recommendations for each particle type. For more information, see the MULTISENSOR datasheet or the internet/ AI to help you to find what you need.

TECHNICAL

The MULTISENSOR connects directly to the TELETASK digital AUTOBUS and is powered through the same connection. Your system integrator will configure it. The compact housing measures 100 × 100 × 33.7 mm and is designed for indoor wall mounting. For representative measurements, TELETASK recommends an installation height of approximately 150 cm, preferably on an interior wall and away from direct exposure to sunlight, heating, cooling and ventilation grilles.

ORDER REFERENCES OVERVIEW

TDS12263WH MULTISENSOR ESSENTIAL

Temperature | Relative humidity | VOCs

TDS12265WH MULTISENSOR SAFE

Temperature | Relative humidity
| VOCs | CO₂ | Air pressure

TDS12266WH MULTISENSOR PURE

Temperature | Relative humidity | VOCs |
CO₂ | Air pressure | Particulate matter