



TELETASK  
trendsetter in domotics



## HEATING | COOLING NEARLY ENERGY NEUTRAL COMFORT

***A home where the rooms always have the desired temperature. Never too hot or too cold, and where no energy is wasted. A house that is intelligently ventilated, so you only breathe clean air. Where moisture or odours have no chance. A house that checks first if the windows are closed before the heating turns on and where air conditioning is unnecessary due to intelligent management. A house that utilizes free solar energy/battery when available. A home where you can enjoy and be confident in smart energy consumption.***

It exists, and it is also possible in your project. What's more, it is easy and affordable, thanks to the integration with the digital meter and the intrinsic smart energy management of your TELETASK system.

By installing a TELETASK home automation system, an intelligent heating system is integrated with all other energy-generating and/or consuming devices. You don't have to worry and can enjoy the essential things instead of dealing with the technical aspects. In fact, you can forget about them. Thanks to the typical TELETASK integration based on decades of international experience, all parameters coming from sensors are continuously evaluated against the system settings according to the residents' preferences. Sensors for measuring indoor and outdoor temperatures, sunlight, humidity, air quality, information from the digital meter, etc., are combined with information

about the presence or absence of residents. These inputs are constantly recalculated and converted per zone to achieve the most optimal temperature control. This intelligence includes controlling fans, circulation pumps for sanitation/heating/cooling, valves for water/air, heat recovery systems, curtains, sunscreens, shutters (including protection against overheating), and much more. When you open a window, the temperature settings will be automatically adjusted to prevent unnecessary energy loss. After closing the window, the pre-set settings will be activated again.

During the summer, as outdoor temperatures rise, the system can close (motorized) curtains and sunscreens before it gets too hot inside, delaying the activation of the optional cooling system until it is really needed. In many cases, this optional investment has even become unnecessary because the TELETASK system can overcome the disadvantages of low-energy homes.

When leaving the house, you simply press the "leave home" button. In addition to disconnecting (turning off) all electrical appliances, your heating system will enter a "stand-by" or "eco" mode. This way, your home will maintain the desired temperature with minimal energy consumption. Upon your return, after recognizing your access badge, not only will the door open for you, but the house will also return to the "present" mode.





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ATMOS



PENTUS

Since a healthy home is one that breathes, ventilation should be active. However, it will only be activated when necessary to maintain optimal air quality. This eliminates unnecessary energy consumption, reduces the need for air filter cleaning, and minimizes wear and tear on the ventilation system. This benefits the overall lifespan and total cost of ownership. In short, every integrated control works optimally without your intervention. Of course, you can always intervene manually and change temperature settings and presets or adjust ventilation manually. This can also be done easily and quickly from your smartphone, from anywhere in the world. And all from just one app!

Integrated intelligence has numerous advantages. Your level of safety and comfort increases, while energy consumption is kept as low as possible, without requiring any input from you. The TELETASK system aligns everything for you. Coming home, leaving, going to sleep, opening the patio door, solar panels generating extra energy, changes in the grid tariff, charging your electric vehicle, managing the capacity tariff, controlling your smart-grid-ready heat pump...

System flexibility is also a major asset. Do you have flexible working hours? No problem. When you leave home, activate the heating/cooling independently of the preset schedules using your smartphone. Do you have a vacation home? Thanks to your smartphone, you will always arrive at your desired comfortable room temperature. When you are away for a long time, moisture measurement ensures regular ventilation to prevent mold formation and unpleasant odours.

### WHAT DO YOU SEE OF ALL THIS AS A USER?

Actually, nothing. Maybe a few small sensors inside and outside, but most sensors are invisibly integrated into the touch panels by default.

What do you need to do or know to use such intelligence? Nothing. Especially nothing. The TELETASK system, along with all the present sensors, constantly monitors the environment. Because here too, less is more. For you as a resident, this means that you can enjoy your Quality Time without worries. A precious asset that TELETASK knows how to optimize.

### WOULD YOU PREFER TO REALIZE IT IN PHASES?

No problem. You can initially invest in a few basic components and later add modular components. However, we do recommend planning the necessary wiring for future expansions from the very first construction/renovation phase. Things like sunblind motors, valves, pumps, light points... require power and cannot operate wirelessly. Seek advice from your TELETASK system integrator. He knows what needs to be provided while keeping the initial budget in mind.

### ORDER REFERENCES

- TDS20065 Universal HVAC Master on LAN
- TDS20067xx HVAC PLUG interface
- TDS20068 HVAC HUB interface
- TDS20069 HVAC interface for Airzone duct systems