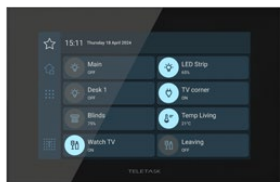


**TDS12045**

**PENTUS - 5" colour touch screen**



This 5" AUTOBUS powered touch screen is perfect to manage most common integrated home- and building automation functions.

In addition to the menu system with all rooms and functions, you can copy up to eight favourite (most often used) functions on the dashboard screen, for quick access.

Thanks to the user-friendly interface, finding and adjusting functions is easier than ever. PENTUS has a solid 3mm glass front plate and its slick design allows it to be used in about any room where a central control is requested. It is mounted in a standard single wall box and can be exchanged with all AURUS- family members because it uses the standard AURUS mounting bracket. PENTUS can be easily found in the dark thanks to its built-in LED light (small downlight LED).

Flush mounting of PENTUS is possible by using the special flush box TDS90030 (not included).

PENTUS doesn't support intercom, video and door phone/camera systems. If you need such functionalities, please use OPUS (TDS12070) instead.

**APPLICATION**

For typical use in rooms and areas where a central control is needed (all/many rooms and functions from one point).

E.g.: entrance, master bedroom, home office, kitchen, living room... The PENTUS is a touch screen device to control all basic home automation functions, like lights (switched, dimmed, color, tunable white), wall sockets and other on/off/pulsed devices, motors (blinds, canopies, gates, shutters,...), multi-room audio, visualize sensors, etc....

**CHARACTERISTICS**

**Display**

Deep-dark 5" colour TFT touchscreen with 800x480 high resolution with active area of 108 x 65mm.

**Touch**

TFT capacitive touch screen (3mm thick solid glass plate).

**Menu interface:**

Auto menu generation via PROSOFT.

**User Interface**

The visualised functions and auto-generated room menus can be customised (per individual PENTUS device) to customer specifications. The result is an extremely fast configuration with room for customisation if desired. Functions can be password-protected.

**Power**

Via AUTOBUS (no ethernet connection needed).

**Orientation- LED downlighting**

White downlight LED light is available underneath the device to be used to find the interface in the dark (low intensity <0.1 Lumen)

**Reset button (hidden)**

Clears configuration data (not needed for normal use).

**Cleaning**

To temporarily disable the touch screen for 30 seconds, press the clean button in the Settings menu.

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

**SETTINGS**

**Configuration**

Via PROSOFT suite: Version 5.X for G3 central units (DOMUS and PENTUS)

- Version 4.1.0.0 or higher for G2 central units MICROS+, PICOS and NANOS (release expected Q2-2025).

Software AUTOBUS address setting, in the Settings menu.

**INSTALLATION**

**Mounting**

To be mounted with included wall bracket on a flat surface on a standard 60mm single wall box (circular or rectangular; use wall box types provided with 2 screws only; see drawing below).

**Mounting height**

See the drawing below.

**CONNECTIONS**

**AUTOBUS**

By AUTOBUS connector set, supplied with the unit.

**POWER CONSUMPTION**

**AUTOBUS**

Max. 270 mA (<115 mA in standby).

**DIMENSIONS**

140 W x 90 H x 18 D (mm)

**NET | GROSS WEIGHT**

0,23 kg | 0,35 kg

**PACKAGING CONTENT:**

- 1 x TDS12045 PENTUS device
- 1 x Standard AURUS wall bracket
- 1 x AUTOBUS connection set
- 1 x technical datasheet in 3 languages (EN, FR and NL)
- (online user manual on [www.teletask.be/downloads](http://www.teletask.be/downloads))

**ENVIRONMENTAL CONDITIONS**

**Storage (with no condensation or icing)**

Temperature: -20°C to +65°C max.

Relative humidity: 5% to 85% max.

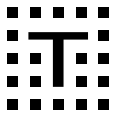
**Operation (with no condensation or icing)**

Temperature: 0°C to +40°C max.

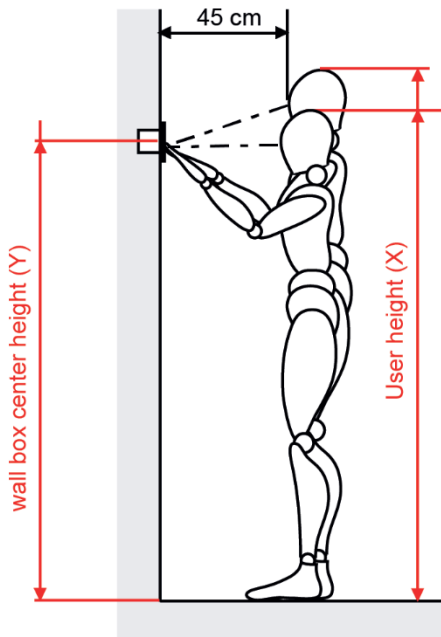
Relative humidity: 5% to 80% max.

**IP PROTECTION RATE**

IP20



**TECHNICAL INFORMATION**



X	Age	Y
115<X<125	(6)	110
125<X<135	(8)	120
135<X<145	(10)	130
145<X<155		140
<b>155&lt;X&lt;165</b>		150
<b>165&lt;X&lt;175</b>		160
175<X<185		170
185<X<195		180
195<X<205		190

All values in cm

**Remark:** Wall box center height (Y) = smallest user height (X) - 5cm

**Remark:** To be able to control the touch screen from out of a wheelchair, the wall box height (Y) should not be higher than 91cm.

<p><b>1</b></p>	<p>Optional TDS90260</p>	<p><b>2</b></p>
<p><b>Removal</b></p>		<p>Indoor use</p>