| No. | Ammount | Service description | Price / unit | Sum |
|---|---|---|---|---|
| | | **ambiento15** | | |

**ambiento15**

**General overview**

The stylish EIB/KNX touch panel systems of the ambiento series provid a unique free-dom of scope for architects, integrators and house builders in the area of facility con-trol and automation.

The ambiento merges unique design and functionality.

Whether the system unit is made of glass or of aluminium or with design elements in wood or coloured synthetic material – the choice is yours. Moreover our special models allow individual design which is limited only by your own imagination.

**Specification ambiento15**
- 15" TFT, 1024x768, 250 cd/m$^2$, VIA C7 1.2 GHz, 1 GB RAM
- resistive touch RT
- interior-pc for building automation
- wall-mounting
- infrared motion detector with proximity switch
- HDD or flash disk (obligatory, please see operating systems)
- interfaces: Ethernet 10/100 Mbps, USB 2.0, optionally EIB/KNX and WLAN
- PRVC-BASIS: basic PreVision Control, condition monitoring hardware
- convection cooling with no moving parts, thus noiseless, long-living and reliable
- power supply 230 V (power supply unit is integrated)
  Standard design and technics:
    - resistive touch RT [1]
    - touch housing: silver anodised [1.1]
    - system unit: ambiento-system-Glass, white [2]

**Condition Monitoring**
- PRVC-BASIS:
  basic PreVision Control, condition monitoring hardware

**operating system**
including storage device
- WindowsXP professional MUI - installed on HDD
- WindowsXP embedded - installed on 2 GB flash disk
- Linux

**extras**
- capacitive real-glass touch GT

system unit [2] ambiento-system-Alu:
- system unit aluminium, silver anodized
- ambientoPTT: Push-to-Talk unit
- design element: light ivory with ambiento signature, others on request

system unit [2] ambiento-system-Glass-LS:
- Push-to-Talk unit (ambientoPTT) into ambiento-system-Glass

system unit [2] ambiento-system-Mod:
- system unit glass with holes for two norm-conform receivers for palpation module

ambientoKNX:  integrated interface board, installation
      bus EIB/KNX, indirectly coupled, protocol EMI 1
ambientoWLAN: wireless LAN

| No. | Ammount | Service description | Price / unit | Sum |
|-----|---------|---------------------|--------------|-----|
| | | **References:**<br>**„King Abdullah Economic City" in Saudi Arabia**<br>In a large building project in Saudi Arabia architects are planning buildings of luxury villas. The project in the city Jeddah is called by right „King Abdullah Economic City". The first villas are already equipped with touch panels ambiento15. It is connected over IP with the intercom. Focus of the application is the visualization of the building automation and the integration of multimedia functions.<br><br>**Fraunhofer Institute**<br>ambiento15 for room reservation, visitor control service and news ticker.<br>The modern and noble touch panel ambiento is the best partner for process- and application orientated innovative system. Therefore uses it Fraunhofer Institute in Germany for safe information technology for room reservation, visitor control service and as news ticker. It is equipped with 15" TFT, resisitive touch with antireflection coated safety glass and smart card reader (RFID).<br><br>**Solar house of TU Darmstadt**<br>ambiento19 as commandpanel in the innovative solar house of TU Darmstadt. The Technical University Darmstadt created a trend-setting solar house and chose the ambiento19 as commandpanel. As only German university it jumped into the international building competition „Solarly Decathlon" of the US Energy Ministry. The ambiento has a 19" display, glass front, black touchpanel front and a black anodized aluminium framework. It will control the active systems of the solar house (photovoltaics, solar thermal technologies, household appliances, cooling, heating, ventilation).<br><br>**Manufacturer**<br>tci GmbH, Ludwig-Rinn-Str. 10-14, 35452 Heuchelheim, Germany | | |