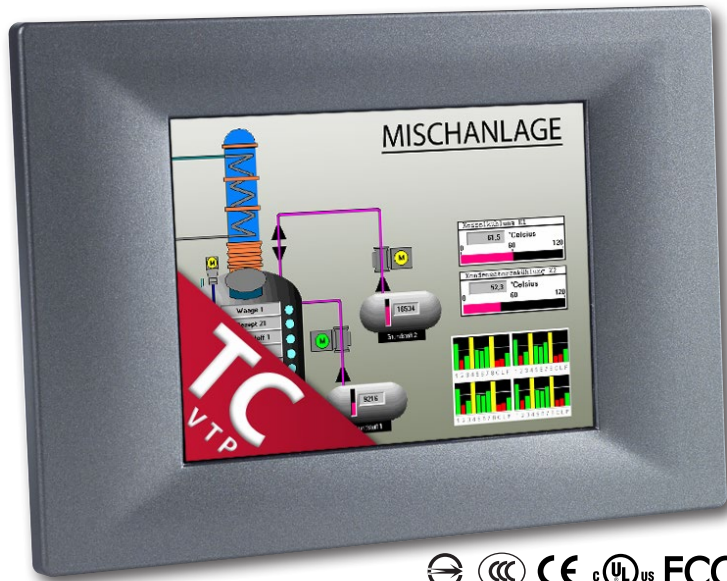


## VISAM Touch Panel „VTP-TC31“

HMI unit with 3.5" color display and SCADA functionality

Artikel-Nummer: VTP-TC31-x



- Industrie Computer **1**
- Panel Computer **2**
- Industrie Displays **3**
- Medical Computer **4**
- Automation **5**
- Software **6**

- Most compact VTP
- fanless, IP65/NEMA4 front

- Drivers for all common remote systems

The VISAM Touch Panel of the VTP-TC series are very compact operating panels for machine, plant and building automation. They come with the feature-rich HMI runtime VBASE Kompakt-RT and bring SCADA functionality into the HMI world.

The software offers a database interface with a menu-guided configuration. It is compatible with the common databases. The database interface can be connected with the VBASE modules Recipe, Messaging System and Log. In combination with the fields Line Recorder and Scale it leads to a very flexible and powerful tool for gathering and displaying of data. Whether your database location is local, within the network or on the web:

- fullgraphical HMI unit with 3.5" color TFT display and Touchscreen
- integrated interfaces:  
1x Ethernet, 1x RS-232/485, 1x USB
- IP65 front panel
- Ships complete with software:  
OS, HMI runtime and HMI editor tool for the config

**With VBASE HMI/SCADA „Automation in the Cloud“ is already possible today!**

## Common Specification

Artikel-Nummer:

VTP-TC31-x

### Hardware Spezifikation:

CPU	TI AM3517, 600 MHz
RAM	256 MB DDR2 SDRAM onboard
SSD	512 MB flash memory onboard 1 MB FRAM for backup (Option) 1x SD card slot
Interfaces	1x RS-232/485 (Auto Flow Control) 1x 10/100Base-T Ethernet 1x USB 2.0
Watchdog Timer	programmable as 250ms, 500ms or 1 s

### LCD Display:

Size / Type	3,5" QVGA TFT LCD
max. Colors	64.000
Resolution	320 x 240 Pixel
View angle	120 / 110° (H/V)
Brightness	200 cd/m <sup>2</sup>
Contrast ratio	300 : 1
Backlight	30.000 Std. MTBF

### Touchscreen:

Type	4-wire, analog resistive
Resolution	linear
Transparency	> 80%
Durability	1 mio. touches at a single point

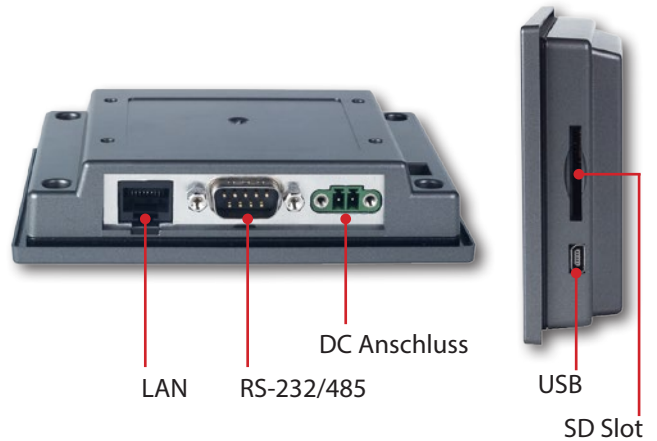
### Construction & Environment:

Construction	Plastic housing (ABS)
Certificate	BSMI, CCC, CE, FCC, UL
Colling system	fanless
Protection	NEMA4 / IP65 front
Dimension	121 x 86 x 27 mm
Weight	0,25 kg
Energy consump.	8 W (typical) 18 ~ 32 VDC
Power	Input: 18 ~ 28 V <sub>DC</sub>
Vibration	1 Grms (Betrieb, zufällig)
Temperature	Operating: 0 ~ 50° C (32 ~ 113° F) Storage: -20 ~ 60° C (-4 ~ 140° F)
rel. Humidity	10 ~ 95% @ 40° C, non condensing

#### Options & Accessories

- MPI-Adapter, PPI-Adapter
- 100 ~ 240 VAC power supply

### Backside / Interfaces:



### Software:

OS	Windows Embedded CE 6.0 R3
HMI runtime	VBASE Kompakt-RT
<b>HMI functions:</b>	
<ul style="list-style-type: none"> <li>▪ Fullgraphical process visualization</li> <li>▪ Handling, monitoring and steering of processes</li> <li>▪ Messaging system</li> <li>▪ Multi-language support</li> <li>▪ Logging of process data</li> <li>▪ Recipe administration in up to 16 levels</li> <li>▪ Access safety device and user administration</li> <li>▪ Database-Interface</li> <li>▪ Line Recorder and Scale</li> <li>▪ Integrated script language</li> <li>▪ Huge symbol library</li> <li>▪ Driver for all important remote systems e.g. SPS, DDC, CNC, robot, regulators etc.</li> </ul>	

Errors and technical changes reserved. Pictures may differ from the original.

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