

VISAM Touch Panel „VTP-BC121“

Operator panel with 12" display and SCADA functionality

Artikel-Nummer: VTP-BC121-x



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- Compatible with all common remote systems

With 4 devices ranging from 7" to 17", the VTP-BC operator terminal series covers the complete range of HMI usage. The modern design is suitable for a wide range of applications and with the flat and gap-free front panel it offers IP66-certified protection against dust and liquids. The displays, in classic 4:3 format, are equipped with LED backlight and resistive touch screen.

The operator panels were designed for the adverse conditions in industrial environments. They operate completely fanless, are free of moving parts and can be used even under strong vibrations (max. 1 Grms) and shocks. The wide temperature range of -20 to 60° Celsius opens up additional fields of application for the HMI devices, e.g. outdoors.

The comprehensive software package consists of operating system, HMI/SCADA development software and HMI runtime environment. VBASE HMI / SCADA is equipped

- Includes complete software package: Editor, Runtime and OS

with everything needed for efficient machine and system operation. The VBASE drivers are continuously updated and are currently compatible with more than 200 different remote systems.

- Full-graphic operating unit with 12" TFT display and touchscreen
- Integrated interfaces: 2x G-LAN, 2x COM, 4x USB
- Extended operating temperature: -20 ~ 60° C
- IP66 front panel
- includes HMI / SCADA development software, runtime environment and operating system

Common specification

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Hardware:

CPU	Intel® Atom™ E3845 1.91 GHz (Quad Core, fanless)
RAM	4GB DDR3L 1600MHz SO-DIMM SDRAM
Storage	4GB MSATA
Interfaces	2x 10/100/1000 Base-T Ethernet 1x RS-232 1x RS-232/422/485 1x USB 3.0 3x USB 2.0
Expansion	Full-size Mini PCI-E iDoor

LCD Display:

Size / Type	12" XGA TFT LCD
max. Colors	16.2 Mio
Resolution	1024 x 768 Pixel
Viewing angle	178° / 178° (H/V)
Luminance	600 cd/m ²
Contrast ratio	1000 : 1
Backlight	LED, 50.000 h MTBF

Touchscreen:

Type	5-wire, analog resistive
Resolution	linear
Transparency	> 75%
Duration	36 mio. touches with silicon rubber

Environment:

Construction	Front panel: die-cast Al-Mg, Chassis: SECC
Certificate	CE, BSMI, CCC, FCC, UL
Protection	IP66 (front)
Dimension	311.8 x 238 x 55.4 mm
Weight	3.12 kg
Energy	29W Typical, 58W Max. 24VDC ±20%
Vibration	1 Grms (operating, random)
Temperature	Operating: -20 ~ 60° C (-4 ~ 140° F) Storage: -30 ~ 70° C (-22 ~ 158° F)
rel. Humidity	10 ~ 90% @ 40° C, non-condensing

Options

- MPI-Adapter, PPI-Adapter
- 100 ~ 240 VAC PSU

Rear / Interfaces:

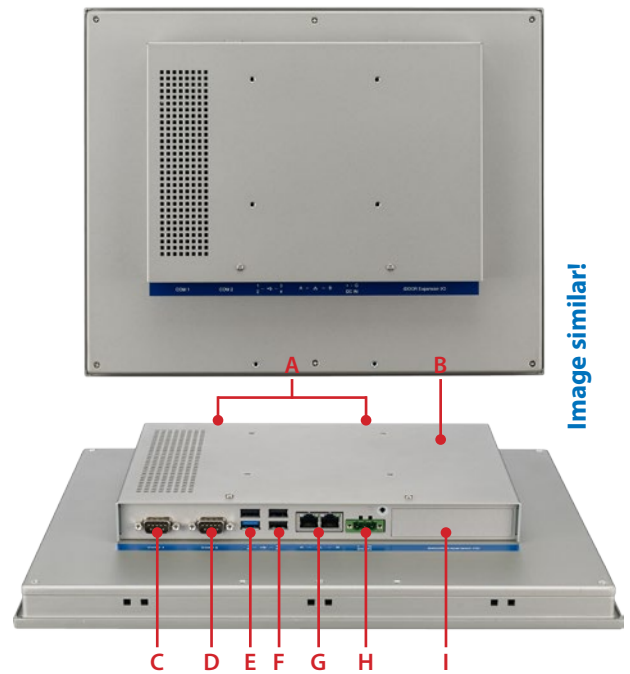


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|------------|-------------------|----------------|
| A. Antenna | D. RS-232/422/485 | G. Gigabit LAN |
| B. SSD bay | E. USB 3.0 | H. 24VDC in |
| C. RS-232 | F. USB 2.0 | I. iDoor |



Software:

OS	WEC7
HMI Runtime	VBASE Kompakt-RT
HMI functions:	
<ul style="list-style-type: none"> ▪ Fullgraphical process visualization ▪ Handling, monitoring and steering of processes ▪ Messaging system ▪ Multi-language support ▪ Logging of process data ▪ Recipe administration in up to 16 levels ▪ Access safety device and user administration ▪ Database interface ▪ Line recorder functionality ▪ Integrated programming language ▪ VBASE Web-Remote: HTML5 HMI interface ▪ Compatible with all common automation protocols, field busses and remote systems 	

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