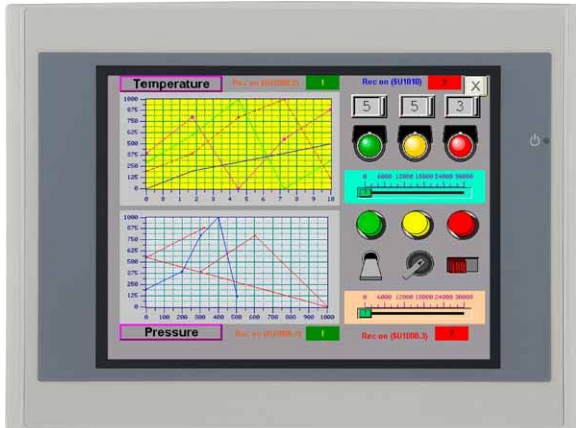


effectiView eV080-VNT, eV084-TNT

The effectiView eV080-VNT and eV084-TNT are compact high performance HMI panels with an 8.0"/8.4" TFT display and touchscreen interface. The high screen resolution of the eV084-TNT (SVGA 800x 600 pixels) makes it the ideal product for complex interface requirements when limited space is available.



- 8.0"/8.4" TFT color display, 64K colors, CCFL backlight
- 800x600 screen resolution (eV084-TNT)
- Resistive touchscreen
- Portrait mode operation
- 10/100 Ethernet interface
- 2x USB 2.0 Host interfaces
- 16MB user memory

Highlights

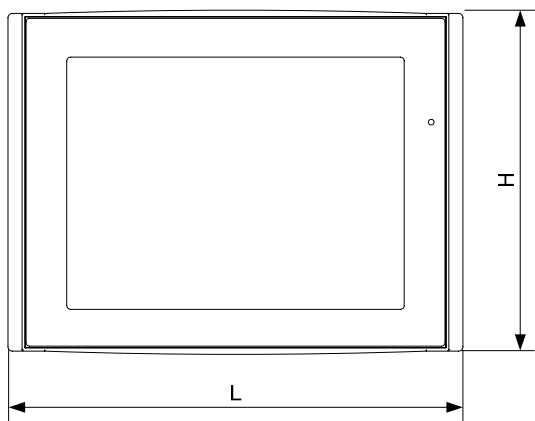
effectiView is a family of HMI operator panels offering an excellent price/performance factor; the level of functionality they offer is state-of-the-art for applications in factory and building automation. The eVDesigner software is the programming tool for all eV products.

The powerful simulation module of the eV Designer simplifies development and shortens the development time.

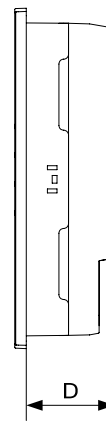
- Efficient and intuitive programming with the eVDesigner software. Powerful project manager workspace with support of multiple applications.
- Ample choice of communication drivers for industrial devices.
- Multiple driver communication capability
- Full vector graphic support with TrueType fonts. Portrait mode operation.
- Display dynamic data in multiple formats: numerical, text, bargraph, slider, gauge and graphic image formats. Multiple image formats supported: bitmap, JPEG and dynamic GIF. Multiple object properties with dynamic control, including visibility and position.
- Pop-up screens and windows.
- Data acquisition and trend presentation. Trend data can be transferred to a host computer.
- Recipe data storage. Recipe data can be transferred to a host computer.
- Multilanguage applications with Unicode support. Up to 10 run-time languages are possible. Application text can be exported/imported for translation.
- Powerful script language with easy-to-use editor. Macro commands can be triggered by touchscreen, events and timers.
- Alarms and historical alarm log. Alarm and event information can be printed or transferred to a host computer.
- Multiple level password protection.
- Data sharing with Ethernet-based network.
- USB interfaces support USB Flash drives and printers. USB Flash drive data transfers include run-time data such as recipes, alarms, alarm logs, trends, screen snapshots as well as the complete HMI configuration.

Technical Data

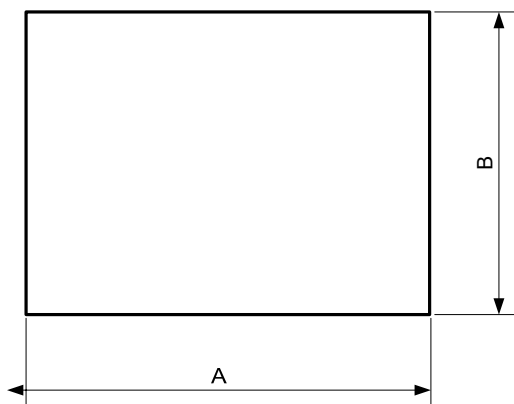
Display		Event list	
Type	TFT	Password	Yes
Resolution	eV080-VNT 640x480 pixel eV084-TNT 800x600 pixel	Hardware RTC	Yes, with battery back-up
Active display area	eV080-VNT 8.0" diagonal eV084-TNT 8.4" diagonal	Screen saver	Yes
Colors	64K	Buzzer	Yes, audible feedback for touch screen
Backlight	CCFL	Ratings	
Dimming	Yes	Power supply voltage	24 VDC
Memory		Current consumption	1.2 A
User memory	16MB Flash	Weight	Approx 0.9 Kg
System memory	128KB RAM with battery back-up	Battery	Rechargeable, not user replaceable
Front panel		Environmental Conditions	
Touch screen	Analog resistive	Operating temperature	0 to 50 °C
System LED indicators	1	Storage temperature	-20 to +60 °C
Interfaces		Operating and storage humidity	10% – 90 % RH non-condensing
Serial	COM1 RS-232, RS-422, RS-485 COM2 RS-232, RS-422, RS-485 COM3 RS-232	Protection class	IP65 front IP20 rear
Ethernet	10/100	Dimensions	
USB	2x Host V2.0	Faceplate LxH	232.5x175.8 mm
Functionality		Cutout AxB	221.5x164 mm
Vector graphics	Yes	Mounting depth D	44 mm
Multiple drivers	Yes	Approvals	
Multilanguage	10 online languages max.	CE	Emission EN 61000-6-4
Data acquisition and trends	Yes		Immunity EN 61000-6-2 for installation in industrial environments
Recipes	Yes		
Alarms	Yes		



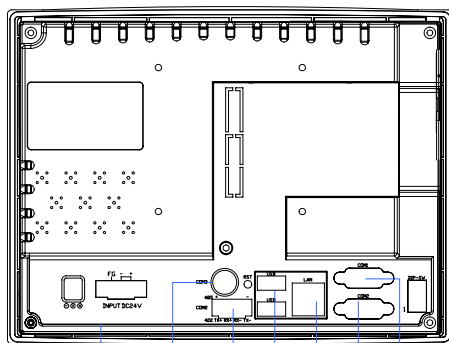
Faceplate



Side view



Cut-out



Connections

- 1 Power Supply
- 2 COM3 Serial Port (RS-232)
- 3 COM2 Serial Port (RS-422, RS-485)
- 4 2x USB Ports
- 5 Ethernet Port
- 6 COM2 Serial Port (RS-232, RS-485)
- 7 COM1 Serial Port (RS-232, RS-422, RS-485)

Ordering Information

eV080-VNT

HMI panel, 8" TFT display, 640x480, 64K colors, 16 MB user memory, Ethernet interface, 2 USB interfaces

eV084-TNT

HMI panel, 8.4" TFT display, 800x600, 64K colors, 16MB user memory, Ethernet interface, 2 USB interfaces

Tn286 Ver. 1.0

Exor International Inc.

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