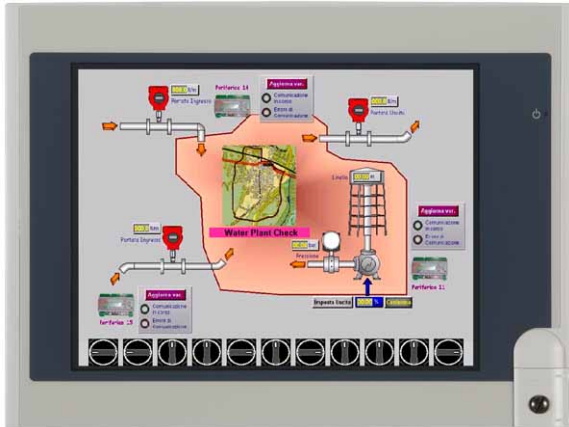


effectiView eV104-VNT

The effectiView eV104-VNT is a high performance HMI panel with a 10.4" TFT display and touchscreen interface. A USB interface available in the front panel is a distinctive feature.



- 10.4" TFT color display, 64K colors, CCFL backlight
- 640x480 screen resolution
- Resistive touchscreen
- Portrait mode operation
- 10/100 Ethernet interface
- 3x USB 2.0 Host interfaces
- 16MB user memory

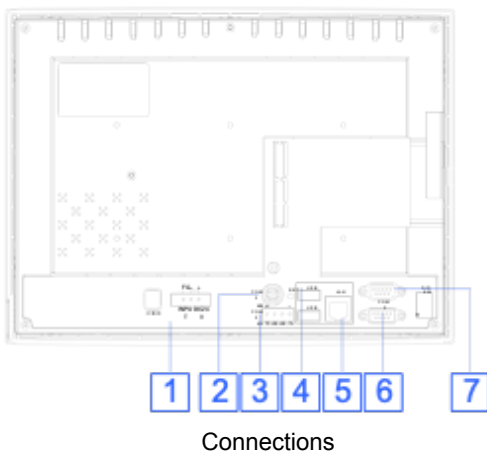
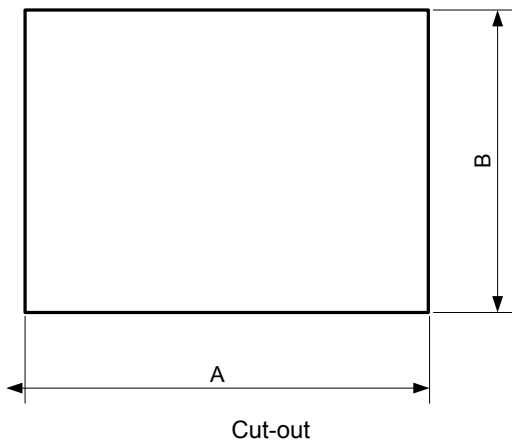
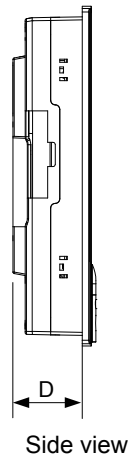
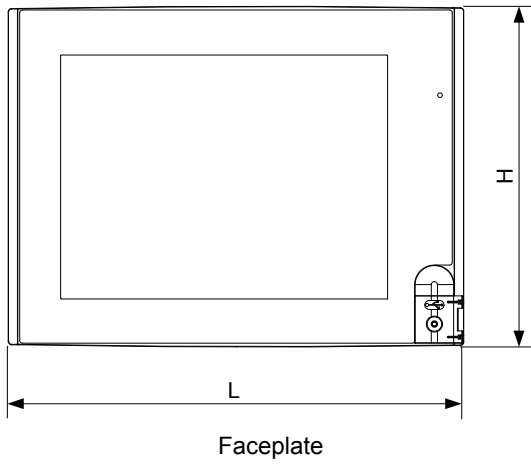
Highlights

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.

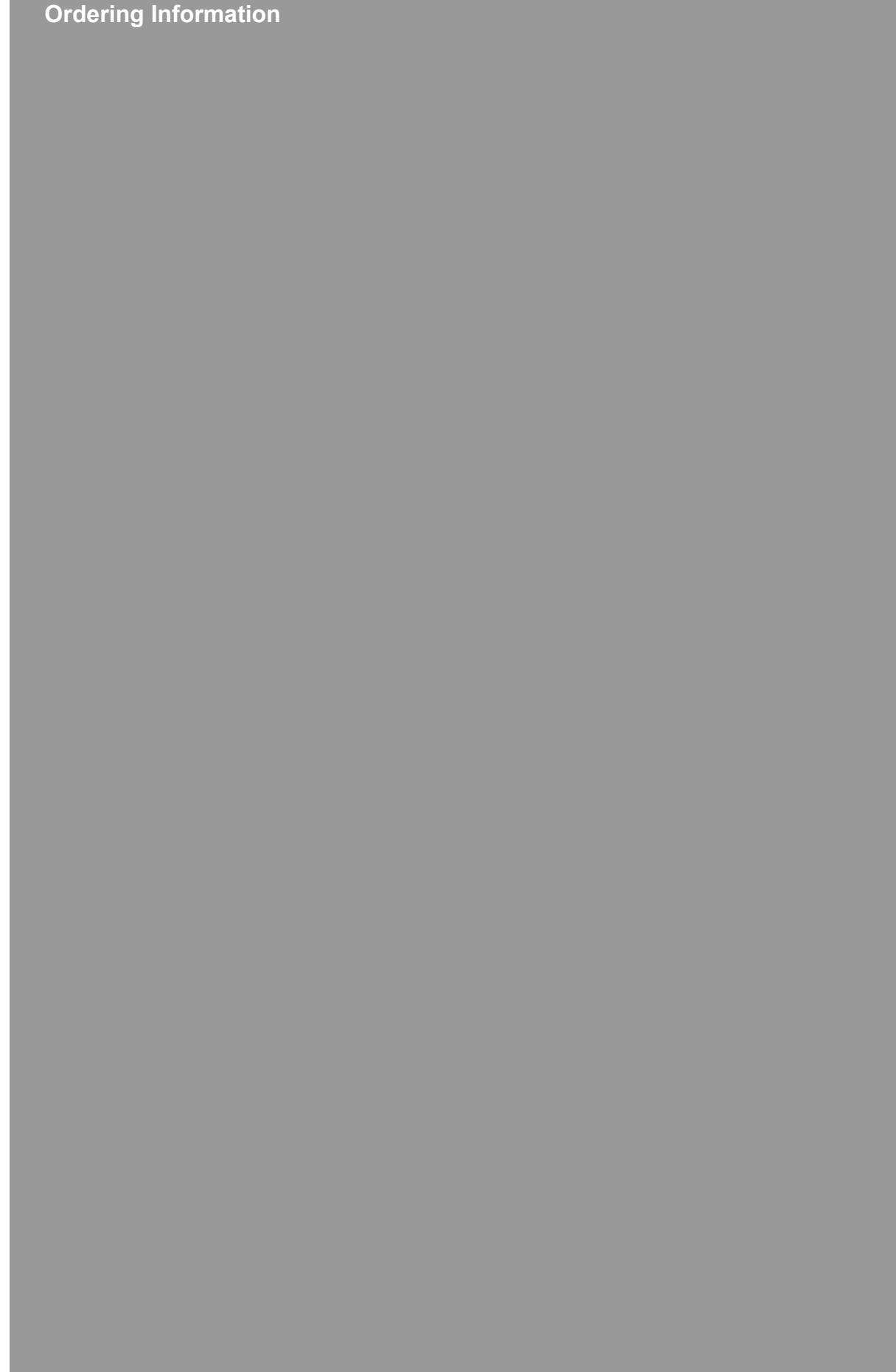
- Efficient and intuitive programming with the eVDesigner software. Powerful project manager workspace with support of multiple applications.
- Ample choice of communication drivers for industrial devices.
- Multiple driver communication capability
- Full vector graphic support with TrueType fonts. Portrait 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		Buzzer	Yes, audible feedback for touch screen
Type	TFT		
Resolution	640x480 pixel		
Active display area	10.4" diagonal		
Colors	64K		
Backlight	CCFL		
Dimming	Yes		
Memory		Ratings	
User memory	16MB Flash	Power supply voltage	24 VDC
System memory	128KB – 1MB RAM with battery back-up	Current consumption	1.2 A
Front panel		Weight	Approx 1.4 Kg
Touch screen	Analog resistive	Battery	Rechargeable, not user replaceable
System LED indicators	1	Environmental Conditions	
Interfaces		Operating temperature	0 to 50 °C
Serial	COM1 RS-232, RS-422, RS-485 COM2 RS-232, RS-422, RS-485 COM3 RS-232	Storage temperature	-20 to +60 °C
Ethernet	10/100	Operating and storage humidity	10% – 90 % RH non-condensing
USB	3x Host V2.0	Protection class	IP65 front IP20 rear
Functionality		Dimensions	
Vector graphics	Yes	Faceplate LxH	297x224 mm
Multiple drivers	Yes	Cutout AxB	285.5x210.5 mm
Multilanguage	10 online languages max.	Mounting depth D	47 mm
Data acquisition and trends	Yes	Approvals	
Recipes	Yes	CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
Alarms	Yes		
Event list	Yes		
Password	Yes		
Hardware RTC	Yes, with battery back-up		
Screen saver	Yes		



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



eV104-VNT-4A

HMI panel, 10.4" TFT display, 640x480, 64K colors, 16MB user memory, 128KB system memory, Ethernet interface, 3 USB interfaces

eV104-VNT-4A-R4

HMI panel, 10.4" TFT display, 640x480, 64K colors, 16MB user memory, 1MB system memory, Ethernet interface, 3 USB interfaces

Tn287 Ver. 1.1

Exor International Inc.

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North America: Exor Electronic R&D, USA

India: Exor India, India

Asia: Cermate Technologies Inc., Taiwan

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