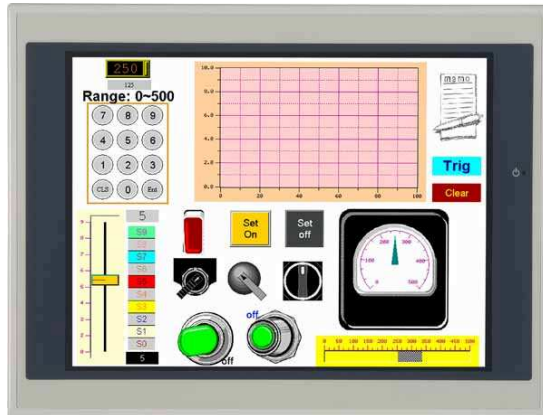


## effectiView eV121-TNT

The effectiView eV121-TNT is a high performance HMI panel with a 12.1" TFT display and touchscreen interface.



- 12.1" TFT color display, 64K colors, CCFL backlight
- 800X600 screen resolution
- Resistive touchscreen
- Portrait mode operation
- 10/100 Ethernet interface
- 2x USB 2.0 Host interfaces
- 16MB user memory

### Highlights

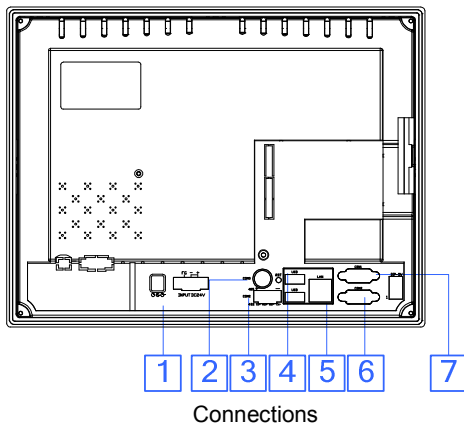
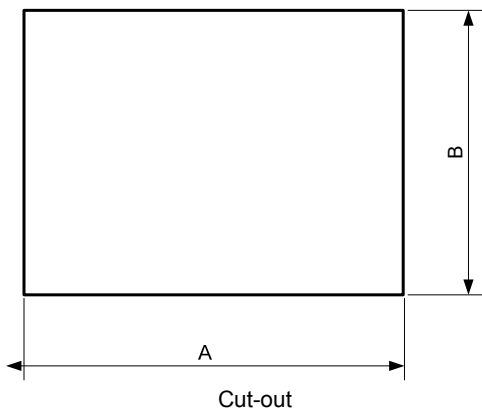
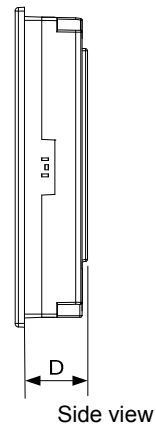
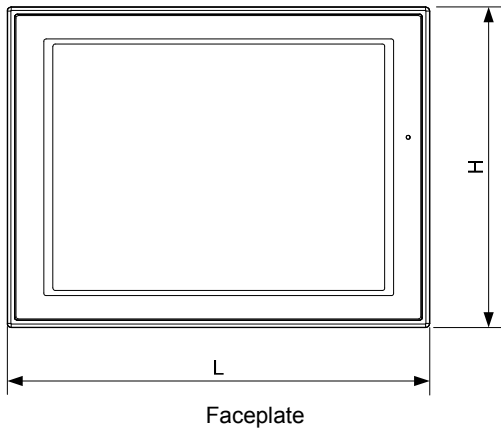
effectiView is a family of HMI operator panels offering an excellent price/performance factor; the level of functionality they offer is state-of-the-art for applications in factory and building automation. The eVDesigner software is the programming tool for all eV products.

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

<b>Display</b>		<b>Password</b>	
Type	TFT	Hardware RTC	Yes
Resolution	800x600 pixel	Screen saver	Yes, with battery back-up
Active display area	12.1" diagonal	Buzzer	Yes, audible feedback for touch screen
Colors	64K		
Backlight	CCFL		
Dimming	Yes		
<b>Memory</b>		<b>Ratings</b>	
User memory	16MB Flash	Power supply voltage	24 VDC
System memory	128KB – 1MB RAM with battery back-up	Current consumption	1.2 A
<b>Front panel</b>		<b>Weight</b>	
Touch screen	Analog resistive	Battery	Approx 2.2 Kg
System LED indicators	1		Rechargeable, not user replaceable
<b>Interfaces</b>		<b>Environmental Conditions</b>	
Serial	COM1 RS-232, RS-422, RS-485 COM2 RS-232, RS-422, RS-485 COM3 RS-232	Operating temperature	0 to 50 °C
Ethernet	10/100	Storage temperature	-20 to +60 °C
USB	2x Host V2.0	Operating and storage humidity	10% – 90 % RH non-condensing
		Protection class	IP65 front IP20 rear
<b>Functionality</b>		<b>Dimensions</b>	
Vector graphics	Yes	Faceplate LxH	315x241 mm
Multiple drivers	Yes	Cutout AxB	301.5x228 mm
Multilanguage	10 online languages max.	Mounting depth D	50 mm
Data acquisition and trends	Yes		
Recipes	Yes		
Alarms	Yes		
Event list	Yes		
		<b>Approvals</b>	
		CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments



- 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**

eV121-TNT-4A	HMI panel, 12.1" TFT display, 800x600, 64K colors, 16MB user memory, 128KB system memory, Ethernet interface, 2 USB interfaces
eV121-TNT-4A-R4	HMI panel, 12.1" TFT display, 800x600, 64K colors, 16MB user memory, 1MB system memory, Ethernet interface, 2 USB interfaces

---

**Tn288 Ver. 1.1**

**Exor International Inc.**

**EMEA/South America: Sitek S.p.A., Italy**

**North America: Exor Electronic R&D, USA**

**India: Exor India, India**

**Asia: Cermate Technologies Inc., Taiwan**

**Copyright © 2008, 2009 Exor International Inc.**

Subject to change without notice

The information contained in this document is provided for informational purposes only. While efforts were made to verify the accuracy of the information contained in this documentation, it is provided "as is" without warranty of any kind.

[www.exorint.net](http://www.exorint.net)