

effectiView eV035-TST, eV035-TNT

The effectiView eV035-TST and eV035-TNT are compact HMI panels with a 3.5" TFT display and touchscreen interface. They are the ideal choice for entry-level HMI applications without compromising performance.



- 3.5" TFT color display, 256 colors, LED backlight
- 320x240 pixels
- Resistive touchscreen
- Portrait mode operation
- 10/100 Ethernet interface (eV035-TNT only)
- 4MB user memory

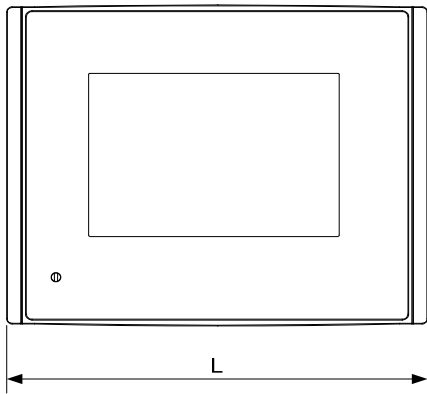
Highlights

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 eVDesigner simplifies development and shortens the development time.

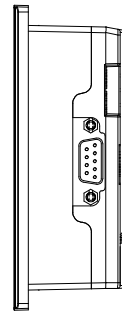
- Efficient and intuitive programming with the eVDesigner software. Powerful project manager workspace with support of multiple applications.
- Ample choice of communication drivers for industrial devices.
- Multiple driver communication capability
- Full vector graphic support with TrueType fonts. Portrait 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.

Technical Data

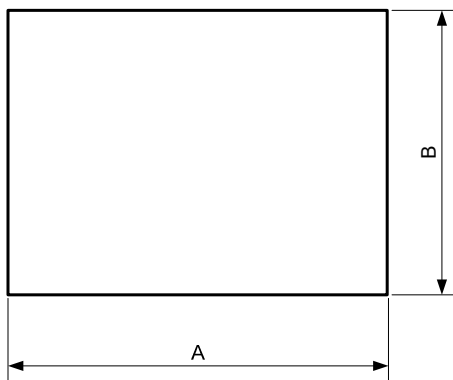
Display		Hardware RTC	
Type	TFT	Screen saver	Yes, with battery back-up
Resolution	320x240 pixel	Buzzer	Yes
Active display area	3.5" diagonal		Yes, audible feedback for touch screen
Colors	256	Ratings	
Backlight	LED	Power supply voltage	24 VDC
Dimming	No	Current consumption	0.2 A
Memory		Weight	
User memory	4MB Flash	Battery	Approx 0.3 Kg
System memory	128KB – 1MB RAM with battery back-up	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	Protection class	IP65 front IP20 rear
	COM2 RS-422, RS-485	Dimensions	
Ethernet	eV035-TST No eV035-TNT 10/100	Faceplate LxH	130x106 mm
Functionality		Cutout AxB	118.5x92.5 mm
Vector graphics	Yes	Mounting depth D	37 mm
Multiple drivers	Yes	Approvals	
Multilanguage	10 online languages max.	CE	Emission
Data acquisition and trends	Yes		EN 61000-6-4
Recipes	Yes		Immunity
Alarms	Yes		EN 61000-6-2
Event list	Yes		for installation in industrial environments
Password	Yes		



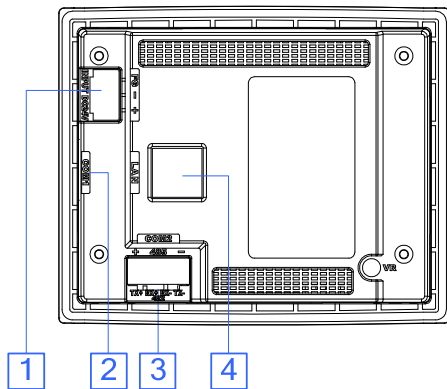
Faceplate



Side view



Cut-out



Connections

- 1 Power Supply
- 2 COM1 Serial Port (RS-232, RS-422, RS-485)
- 3 COM2 Serial Port (RS-422, RS-485)
- 4 Ethernet Port (eV035-TNT only)

Ordering Information

eV035-TST-2A	HMI panel, 3,5" TFT display, 320x240, 256 colors, touchscreen, 4MB user memory, 128KB system memory
eV035-TST-2A-R4	HMI panel, 3,5" TFT display, 320x240, 256 colors, touchscreen, 4MB user memory, 1MB system memory
eV035-TNT-2A	HMI panel, 3,5" TFT display, 320x240, 256 colors, touchscreen, 4MB user memory, 128KB system memory, Ethernet interface
eV035-TNT-2A-R4	HMI panel, 3,5" TFT display, 320x240, 256 colors, touchscreen, 4MB user memory, 1MB system memory, Ethernet interface

Tn284 Ver. 1.0

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

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