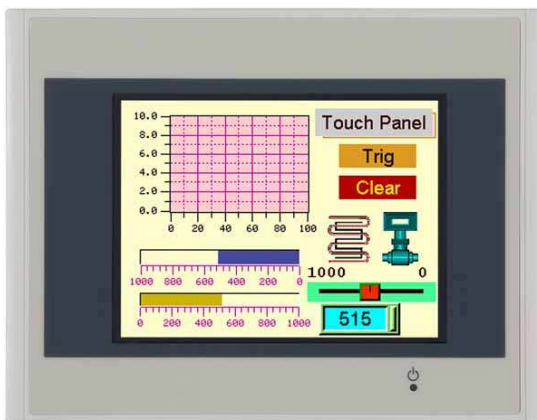


effectiView eV058-TST, eV058-TNT

The effectiView eV058-TST and eV058-TNT are compact HMI panels with a 5.7" TFT display and touchscreen interface. They are the ideal choice for entry-level HMI applications without compromising performance.



- 5.7" TFT color display, 256 colors, LED backlight
- 320x240 pixels
- Resistive touchscreen
- Portrait mode operation
- 10/100 Ethernet interface (eV058-TNT only)
- 4MB user memory

Highlights

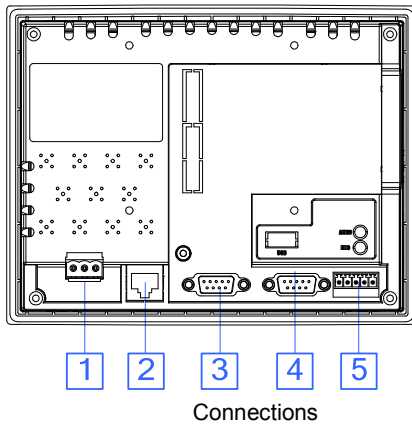
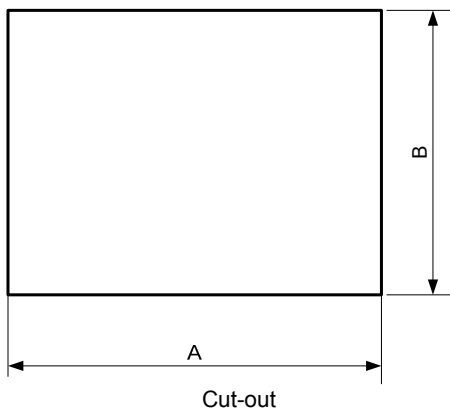
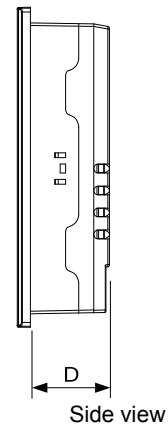
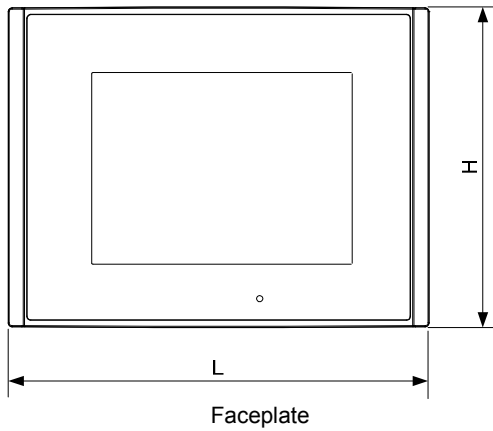
effectiView is a family of HMI operator panels offering an excellent price/performance factor; the level of functionality they offer is state-of-the-art for applications in factory and building automation. The eVDesigner software is the programming tool for all eV products.

The powerful simulation module of the 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.

Technical Data

Display Type TFT Resolution 320x240 pixel Active display area 5.7" diagonal Colors 256 Backlight LED Dimming Yes		Hardware RTC Yes, with battery back-up Screen saver Yes Buzzer Yes, audible feedback for touch screen
Memory User memory 4MB Flash System memory 128KB - 1MB RAM with battery back-up		Ratings Power supply voltage 24 VDC Current consumption 0.4 A
Front panel Touch screen Analog resistive System LED indicators 1		Weight Approx 0.6 Kg Battery Rechargeable, not user replaceable
Interfaces Serial COM1 RS-232, RS-422, RS-485 COM2 RS-232, RS-422, RS-485 Ethernet eV058-TST No eV058-TNT 10/100		Environmental Conditions Operating temperature 0 to 50 °C Storage temperature -20 to +60 °C Operating and storage humidity 10% – 90 % RH non-condensing Protection class IP65 front IP20 rear
Functionality Vector graphics Yes Multiple drivers Yes Multilanguage 10 online languages max. Data acquisition and trends Yes Recipes Yes Alarms Yes Event list Yes Password Yes		Dimensions Faceplate LxH 186x145 mm Cutout AxB 174.5x132.5 mm Mounting depth D 38 mm
		Approvals CE Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments



- 1 Power Supply
- 2 Ethernet Port (eV058-TNT only)
- 3 COM1 Serial Port (RS-232, RS-422, RS-485)
- 4 COM2 Serial Port (RS-232, RS-485)
- 5 COM2 Serial Port (RS-422, RS-485)

Ordering Information

eV058-TST-2A	HMI panel, 5.7" TFT display, 320x240 , 256 colors, touchscreen, 4MB user memory, 128KB system memory
eV058-TST-2A-R4	HMI panel, 5.7" TFT display, 320x240 , 256 colors, touchscreen, 4MB user memory, 1MB system memory
eV058-TNT-2A	HMI panel, 5.7" TFT display, 320x240 , 256 colors, touchscreen, 4MB user memory, 128KB system memory, Ethernet interface
eV058-TNT-2A-R4	HMI panel, 5.7" TFT display, 320x240 , 256 colors, touchscreen, 4MB user memory, 1MB system memory, Ethernet interface

Tn285 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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