

Silver Series

HMI504T



4.3" 256 Color TFT LCD Touchscreen



- Bright 256 (8-Bit) color TFT display
- 480 x 272 pixel resolution
- Compact Size
- Popup windows and animation
- Multi-language feature
- Alarm management
- Online/offline simulation
- Landscape or Portrait orientation
- 12-24 VDC, low power consumption
- Most popular PLCs supported
- 2 year warranty

The HMI504T is our smallest graphic operator interface in the Silver Series.

The bright 4.3" TFT display supports up to 256 colors and has a higher resolution (480 x 272 pixels) than most 6" screens. This model is designed for applications that require a rugged compact operator interface with low power. The HMI504T operates on 12-24 VDC and has a power saving mode that reduces current to the display to save energy. This industrial terminal requires only 1.5" of depth when mounted to a panel.

As part of our popular Silver Series product line, the HMI504T can communicate to a wide variety of PLCs and motion

controllers, from over 30 major manufacturers. The OIT is very easy to configure using our EZware-500 software with pick-and-place objects including bar graphs, meters, text objects, numeric entry, trend graphs, and alarms. The built-in simulation feature means you can easily test and modify your project before downloading to the HMI504T.



Perhaps the best feature of the HMI504T is the low cost. You now have the option of using an intuitive color graphics touchscreen

in applications that formerly required a text-based display due to budget constraints.

The HMI504T is reliable, affordable, loaded with features, and easy to use. It is another smart solution from the operator interface experts.

**Every Machine Needs
the Human Touch**



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HMI504T Specifications

Hardware

CPU Type	200MHz 32-bit RISC
Memory	2MB Flash, 4MB DRAM
Serial Ports	Com1: RS-232 (HMI to PC), RS-485 (HMI to PLC), RS-232 (HMI to PLC) Aux Port: Not Supported
RTC	None

Display

Type	4.3" TFT color
Size (WxH)	3.74 x 2.12 inches [95.0 x 53.9 mm] 4.3" diagonal
Resolution (pixels)	480 x 272
Brightness (cd/m ²)	300
Contrast Ratio	400:1
Max Colors	256 (8 bit)
Viewing Angle (°)	80/80/80/80 (T,B,R,L)
Backlight Longevity	50,000 hrs

Touchscreen

Type	4 wire analog resistive
Resolution	Continuous
Light Transmission	Above 80%
Lifespan	1 million activations minimum

Environmental

Operating Temperature	32 ~ 113°F (0~45°C)
Storage Temperature	-22 ~ 158°F (-30 ~ 70°C)
Relative Humidity	10-80% rH@40°C non-condensing
Shock (operation)	10 to 25Hz (X,Y,Z direction 2G, 30 min)
Ratings	IP65, NEMA4, NEMA4X (indoor only)
Certifications	CE, EMI FCC Class A, cULus

Specifications may change without notice.

Functionality

Popup Windows	Multiple windows can overlap, minimize/maximize, open/close, or move on screen
Graphics Libraries	Extensive collection of predefined libraries
Simulation Mode	Easily test projects online or offline
Security	3 levels
Macros	Math functions
Object Placement	Create objects of any size, place any location on screen
Alarm/Event Management	Trigger on bit or word Capture time/date information Display as marquee or list box
Trending	Up to 16 channels Single or Multiple Page Sampling time 0-65,535 secs Hold Feature
Landscape or Portrait Orientation	Flexible to meet space requirements
Power Save Mode	Dims display to reduce power consumption

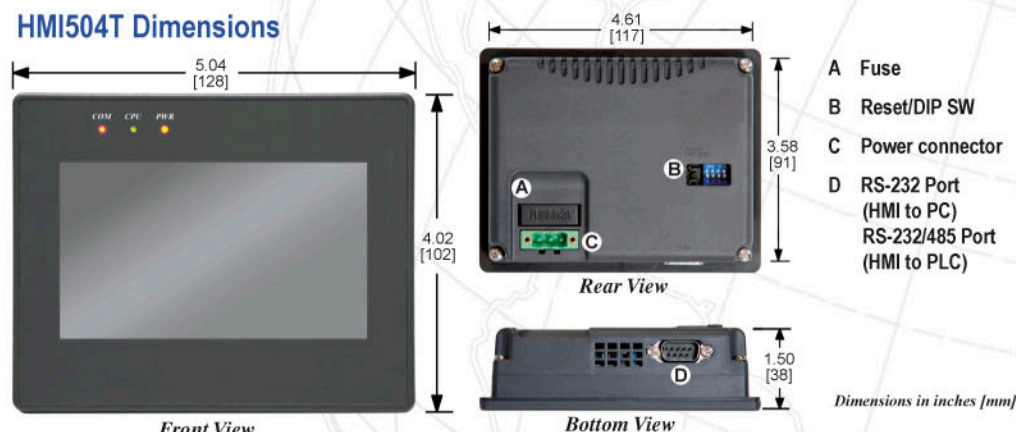
Mechanical

Enclosure	Plastic molding
Dimensions (WxHxD)	5.04 x 4.02 x 1.50 inches [128 x 102 x 38 mm]
Panel Cutout Dimensions (WxH)	4.69 x 3.66 inches [119 x 93 mm]
Weight	0.7 lbs [0.3 kg]
Mounting	Panel
Power Requirements	12-28VDC, 300mA maximum
Warranty	2 years

Order Number

HMI504T	4.3" TFT Graphic OIT
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HMI504T Dimensions



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