

Open HMI

Ivory Series

HMI606T



5.6" 65K Color TFT LCD Touchscreen with advanced features



- Bright 65,536 (16-Bit) color TFT display
- 320 x 234 pixel resolution
- Analog resistive touchscreen
- 32-Bit RISC 200 MHz CPU
- 32 MB flash memory
- 64 MB DRAM
- Two USB ports
- Three serial ports
- Ethernet port (10/100 Base-T)
- Compact flash port
- Audio out
- NEMA4, CE, & cULus listed
- Microsoft® Windows® CE.NET™
- WebStudio software (optional)
- Two year warranty

The Ivory Series HMI606T is a rugged graphic operator interface with a high resolution 5.6" diagonal touchscreen TFT display. The nominal 2" depth makes mounting in tight spots easy. The fanless design means no extra space for cooling is required.

These touchscreen displays offer a host of hardware features not typically available in this price range. Models have a 200 MHz processor and 64 MB of DRAM memory.

Applications can be stored on the 32 MB internal flash memory or run from the built-in compact flash port. Add versatility by connecting an external



keyboard, mouse, printer, barcode reader, or external speakers for audio output. The Windows® CE operating system is included on this model. You can create your own custom application or use off-the-shelf

programs such as Maple Systems WebStudio operator interface software. The built-in web browser and Internet support allow you to easily display web pages.

Every Machine
Needs the
Human Touch



www.maplesystems.com

HMI606T Specifications

Hardware

CPU Type	32-Bit RISC 200 MHz CPU
Memory	32 MB Flash (~30 MB required for Windows OS) 64 MB DRAM
CF Card Slot	CompactFlash™, Type II
Ethernet Ports	10/100 Base-T (RJ45)
Serial Ports	Com1: RS-232/RS-485, 2 or 4 wire Com2: RS-232 Com3: RS-232/RS-485, 2 wire
USB Interface	2 USB 2.0 Host ports, Type A
RTC	Built-in

Display

Type	5.6" TFT color
Size (WxH)	4.5 x 3.5 inches [114 x 89 mm] 5.6" diagonal
Resolution (pixels)	320 x 234
Brightness (cd/m ²)	300
Contrast Ratio	300:1
Max Colors	65536 (16 bit)
Viewing Angle (°)	45/65/65/65 (T,B,R,L)
Backlight	LED backlight
Backlight Longevity	30,000 hrs

Touchscreen

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

Specifications subject to change without notice.

Environmental

Operating Temperature	32 ~ 113°F (0 ~ 45°C)
Storage Temperature	-4 ~ 140°F (-20 ~ 60°C)
Relative Humidity	10% ~ 90% (non-condensing)
Shock (operation)	10 to 25Hz (X,Y,Z direction, 2G, 30 minutes)
Ratings	IP65, NEMA4, NEMA4X (indoor only)
Certifications	CE, FCC Class A, cULus listed

Mechanical

Enclosure	Plastic molding
Dimensions (WxHxD)	8.03 x 5.90 x 1.89 inches [204 x 150 x 48 mm]
Panel Cutout Dim. (WxH)	7.56 x 5.43 inches [192 x 138 mm]
Weight	1.9 lbs [0.86 kg]
Mounting	Panel mount
Power Requirements	12-24VDC, 220mA@24VDC 410mA@12VDC
Warranty	2 years

Software

Operating System	Microsoft® Windows® CE.NET™
HMI/SCADA Application	WebStudio (optional)

Order Number

HMI606T	5.6" TFT Panel PC
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HMI606T Dimensions

