



Magelis STO

The Magelis STO is a compact, panel-mounted HMI that bring a cost-effective solution to machine builders. With its touch screen, 3.4 inch monochrome display, and multi-color backlight options, it is a great fit for small, compact or simple machines.

Key features of the Magelis STO:

- 3.4 inch monochrome (200x80 pixel) STN LCD display with multi-color backlight
- Resistive touch screen
- One USB v2.0 host type A port + one USB v2.0 mini-B port
- Serial or Ethernet communication port
- Powered by 24 Vdc
- Operating temperature: 32—151 °F (0—55 °C)
- Configured by Vijeo Designer
- IP65, NEMA 4X (indoor use)
- Certifications include CE, cULus, Class 1 Div 2

Catalog Number	Backlight Colors	Com Port	Ethernet
HMISTO501	White, Pink, Red	RS232C for Zelio [2] (removable terminal block)	—
HMISTO511	Green, Orange, Red	RS232C/RS485 (RJ45)	—
HMISTO512	White, Pink, Red	—	Ethernet (RJ45)
HMISTO531	White, Pink, Red	RS232C/RS485 (RJ45)	—
HMISTO532	White, Pink, Red	—	Ethernet (RJ45)

Magelis STU

The Magelis STU is a compact HMI that is mounted using a 22 mm diameter hole - similar to a push button. This helps reduce overall cost by minimizing the labor for installing the HMI. The STU is a cost-effective solution for machine builders.

Key features of the Magelis STU:

- 3.5 or 5.7 inch TFT color display, QVGA (320 x 240)
- Resistive touch screen
- One USB v2.0 host-type A port + one USB v2.0 mini-B port
- Serial and Ethernet communication ports
- Powered by 24 Vdc
- Operating temperature: 32–122°F (0–50°C)
- Configured by Vijeo Designer
- IP65, NEMA 4X (indoor use)
- Certifications include CE, cULus, Class 1 Div. 2, Marine

Catalog Number	Screen Size	Com Port	Ethernet
HMISTU655	3.5 in. TFT Color (320x240)	RS232C/RS485 (RJ45)	Ethernet (RJ45)
HMISTU855	7.5 in. TFT Color (320x240)	RS232C/RS485 (RJ45)	Ethernet (RJ45)



[2] Enables direct communication with the Zelio Logic SR2/SR3 range of controllers.