



MCS-TOUCH-10.1

Description & Specifications



Back shown with covers for Arm mount ▼



Part # **MCS-TOUCH-10.1**

Description

The **MCS-TOUCH-10.1** is a new touchscreen interface designed to simplify user access with the MCS-Magnum and MicroMag utilizing MCS-Connect to provide both graphics and service mode access to technicians.

Information and graphics on the MCS-TOUCH-10.1 are shown on a 10.1" high resolution (1280x800) LCD display with LED backlighting, which will guarantee long-life operation.

The MCS-TOUCH-10.1 comes preloaded with the MCS-CONNECT program that allows you to view the 'unit's status', 'extended history', 'alerts', 'alarms', setpoints, and more, all in a user-friendly graphic format.

Also, with a proper authorization code, changes can be made to the setpoints, sensor offsets, schedule, etc.

With Internet Connection:

The user is able to email '**ALARM ALERTS**' back to a technician. The emails will include '**SAVE DIAGNOSTIC DATA**' to help troubleshoot the alarm.

Also with the internet connection you can send '**SMS TEXT MESSAGES**' with job site name and alarm, message only.

Without Internet Connection:

The user can save '**ALARM ALERT DATA**' to a USB memory stick. Also, you can save '**EXTENDED HISTORY DATA**' to a USB memory stick for troubleshooting. This can be done with or without internet connection.

The Touchscreen are suitable for installation, both indoor and outdoor. Utilizing a gasket for an environment seal provides the unit with a NEMA 4 rating if installed in a NEMA4 enclosure.

Specifications

Dimensions.....	12.204"L x 9.055"W x 3.215"H
Mounting	
Door Mount	10.875"L x 7.875" with cutout 14 mount studs thru customers encl. HT800 Cellular Silicone Gasket NEMA 4 IP66 rated Indoor or outdoor *(when mounted correctly)
VESA Mount.....	75 x 75 mm; 100 x 100 mm (indoor only)
LCD Screen	10.1" Diagonal (Aspect Ratio 16:10) 16.2 Million Colors 1280x800 Resolution View Angle 85°U, 85°D, 85°L, 85°R 5-Wire resistive touch w/Stylus pen White LED Backlight (Min Life 50,000 Hrs) Luminance Min. 400 cd/m ²
Surface Treatment.....	Glare/Anti-Reflection ≤1.5% Hard-Coating (3H)
Environment Limits	-20°C to +65°C Operating Temperature -25°C to +70°C Storage Temperature
Operating Humidity.....	0-95% Non-Condensing
Power Input	12VDC regulated
Motherboard	Freescale i.MX6 Dual Core 800mhz 1Gb of 512mhz DDR3 RAM memory 4Gb of eMMC Flash memory 10m/100m/1G Ethernet 1 Micro-SD Slots 1 USB On-The-Go (OTG) 2 USB Host 2.0 Real Time Clock (RTC) w/ Battery LVDS for 15.4" LCD 5-wire touch 3 RS485 communication ports (max. baud rate 115k) Mini PCIe Interface

*Mounted in Nema4 Enclosure

Parts Included

- 50W Single Output Power Supply
115-230 VAC input (+-15%)
12VDC output regulated
Resistant to short circuiting, overloading, and over voltage. Operating temperature up to 70 °C
- 7ft CAT 5e Crossover Patch Cord, Orange



Options

Arm



Revision - 2017-12-26