



# MCS-TOUCH-10.1

## Description & Specifications



Part # : MCS-Touch-10.1  
MCS-Touch-10.1-N  
-N = No power supply

### 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 .....	11.125"L x 8"W 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 <sup>2</sup>
Surface Treatment.....	Glare/Anti-Reflection ≤1.5% Hard-Coating (3H)
Operating Temperature.....	-4°F to +149°F (-20°C to +65°C)
Operating Humidity.....	0-95% Non-Condensing
Storage Temperature.....	-13°F to +158°F (-25°C to +70°C)
Power Input .....	12VDC regulated
Motherboard - Rev. 4.0.....	Freescall i.MX6 Dual Core 800mhz 2Gb of 512mhz DDR3 RAM memory 16Gb 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 3 RS485 communication ports (max. baud rate 115k)

\*Mounted in Nema4 Enclosure

### Power Supply Included -

(add - N to part number = NO Power Supply)

#### • 90W 12VDC Power Supply

Input Voltage: 88 VAC to 264 VAC  
Output Voltage: 12 VDC @ 7.5 Amps  
Input Current: 3 A / 115 AC - 1.6 A / 230AC  
Output Rated Current: 7.5A  
Size: 2.76" x 3.54" x 2.14 (W\*H\*D) (70\*90\*54.5mm)



#### • 7ft CAT 5e Ethernet Cable - Orange

#### • DIN Rail Mounting Kit for 90W 12VDC Power Supply

Showing customer supplied arm attached to Vesa Mount



Scan for information

### Packaging

Ship Weight .....	8.73 lb (approx)
Box Dimensions.....	16" x 12.5" x 8" (approx)