



# MCS-TOUCH-15.4

## Description & Specifications

### Specifications

Dimensions.....	17"L x 12.11"W x 3.228"H
Mounting	
Door Mount .....	15.75"L x 10.875" with cutout 10 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 .....	15.4" (16:10 Diagonal) 16.2 Million Colors 1280x800 Resolution View Angle 70°U, 70°D, 70°L, 70°R 5-Wire resistive touch w/Stylus pen White LED Backlight (Min Life 50,000 Hrs) Luminance Min. 300 cd/m <sup>2</sup>
Surface Treatment.....	Glare/Anti-Reflection ≤1.5% Hard-Coating (3H)
Operating Temperature .....	-4°F to 158°F (-20°C to 70°C)
Operating Humidity.....	0-95% Non-Condensing
Storage Temperature .....	-22°F to 176°F (-30°C to 80°C)
Power Input .....	12VDC regulated
Motherboard-Rev 4.0.....	Freescale 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 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 12VDC Enclosed Switching Power Supply

Input Voltage: 88VAC to 264VAC  
Output Voltage: 12VDC @ 4.2Amps  
Input Current: 1.3A/115VAC 0.8A/230VAC  
Output Current: 4.2A  
Size (L x W x H): 3.9in x 3.8in x 1.4in  
Operating temperature up to 158°F (70 °C)  
7ft CAT 5e Crossover Patch Cord, Orange



### Options

Arm



Part # **MCS-TOUCH-15.4**

### Description

The **MCS-TOUCH-15.4** 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-15.4 are shown on a 15.4" high resolution (1280x800) LCD display with LED backlighting, which will guarantee long-life operation.

The MCS-TOUCH-15.4 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.

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