



# MCS-TOUCH-15.4

## Description & Specifications



Part # **MCS-TOUCH-15.4**

### Description

The **MCS-TOUCH-15.4** capacitive 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. Input method: Finger, stylus, glove (The glove needs to have a conductive fabric or material to work with cap touchscreens).

Highly accurate and does not require calibration - easy to clean glass surface. Works outdoors, bright screen, water resistant, Exceptional Optics - 1280x800 resolution, sharp and vibrant images.

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 Touchscreens 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.....	17"L x 12.11"W x 3.228"H
Mounting	
Door Mount .....	15.75"L x 10.875" cutout 10 mount studs thru customers encl. HT800 Cellular Silicone Gasket NEMA 4 IP66 rated Indoor or outdoor (Mounted in Nema4 Enclosure)
VERSA 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 Capacitive Stylus pen White LED Backlight (Min Life 50,000 Hrs) Luminance Min. 350 Min. 450 Typical
Touchscreen Surface.....	UV Degradation Protection
Operating Temperature	-22°F to 176°F (-30°C to +80°C)
Operating Humidity.....	90 %RH (Non Condensing)
Storage Temperature .....	-22°F to 176°F (-30°C to +80°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) Mini PCIe Interface
Touchscreen Surface.....	UV Degradation Protection

#### • 90W 12VDC Power Supply

Input Voltage: 88 VAC to 264 VAC

Output Voltage: 12 VDC @ 7.5Amps

Input Current: 3A / 115 AC - 1.6A / 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 Crossover Patch Cord, Orange

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

### Option

#### Versa Mount

Showing customer supplied arm



### Packaging

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

Revision - 2024-02-08

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