



# MCS-TOUCH-15.4

## Description & Specifications



**Part #: MCS-Touch-15.4**  
**MCS-Touch-15.4-N**  
 -N = No power supply.

### 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 pre loaded 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  
432mm L x 308mm W x 82mm H
- Mounting
  - Door Mount ..... Template included
  - 10 mount studs thru customers enclosure.
  - MS4745 silicone gasket
  - NEMA 4 IP66 rated
  - Indoor or outdoor (Mounted in Nema4 Enclosure)
  - 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  
Soft Touch Capacitive Stylus pen  
White LED Backlight (Min Life 50,000 Hrs)  
Luminance Min. 350 Min. 450 Typical
- Glare/Anti-Reflection ≤1.5% Hard  
Coating (3H)
- Operating Temperature ..... -22°F to 176°F (-30°C to +80°C)
- Operating Humidity..... 0-95% Non-Condensing
- Storage Temperature ..... -22°F to 176°F (-30°C to +80°C)  
0 to 95% Humidity; Non-Cond.
- Input Power..... 12 vdc Regulated Power Supply
- Mcs-Ethernet Switch-B..... 5 x RJ45 ports, 10/100/1000 Mbps
- Minimum (Brown in) ..... 8.50 vdc
- Amp Draw (Loaded) ..... 2 Amps (Max)
- Motherboard..... Broadcom BCM2711 Quad core  
Cortex (ARMv8) 64-bit SoC @ 1.5Ghz

INPUT	MINIMUM	NOMINAL	MAXIMUM
VOLTAGE	10	12	12.5
AMPS			2

- Flash Memory..... 16 GB EMMC
- RAM..... 2 GB DDR3
- RS-485 Ports ..... 2 @ go up to 115200 baud rate
- Ethernet..... 10 Mbps/100Mbps/1Gbps
- USB ..... 2 USB type B 2.0 ports 480Mbps signalling
- Real Time Clock ..... Battery backup(Type BR2032)

#### 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 @ 7.5Amps  
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 Ethernet Cable - Orange**
- **DIN Rail Mounting Kit for 90W 12VDC Power Supply**

#### Packaging

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