



# MCS-TOUCH-7 Description & Specifications



Part # **MCS-TOUCH-7**

## Specifications

Dimensions.....	9.35”L x 7.125”Wx2.881”H
Mounting	
Door Mount .....	8.1875”L x 5.875”W Cutout 8 thru-hole studs thru customer’s encl. HT800 Cellular Silicone Gasket Indoor or outdoor *(when mounted correctly)
VESA Mount.....	75 x 75 mm;100 x 100 mm (indoor only)
LCD Screen .....	7.0” (16:10 Diagonal) 262,000 Colors 1280x800 Resolution View Angle 80°U, 80°D, 80°L, 80°R 4-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 .....	Freescall i.MX6 Dual Core 800mhz 1Gb of 512mhz DDR3 RAM memory 4Gb of eMMC Flash memory 10m/100m/1 G Ethernet 1 Micro-SD Slots 1 USB On-The-Go (OTG) 2 USB Host 2.0 Real Time Clock (RTC) w/ Battery LVDS for 7” LCD w/4-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



## Description

The **MCS-TOUCH-7** 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-7 are shown on a 7” high resolution (1280x800) LCD display with LED backlighting, which will guarantee long-life operation.

The MCS-TOUCH-7 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, schedules, 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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