



# MCS-REMOTE-10.1

## Description & Specifications



Part #  
**MCS-REMOTE-MLB-10.1**

### Description

The **MCS-REMOTE-10.1** enclosure is made of powder coated aluminum for durability and longevity. A left hand swing door is mounted with three four-inch hinges for strength. A key lock is provided for security on the door while still allowing easy access to the display.

The MCS-REMOTE-10.1 comes preloaded with the MCS-CONNECT program that allows you to view the unit's status, history, warnings and alarms, setpoints, and more, all in a user-friendly graphical format. Also, with the proper authorization code, changes can be made to the setpoints, sensor offsets, schedule, etc.

### Kit Components

- 12VDC - 50 WATT Power Supply
- 120 VA outlet
- 8 Port Ethernet Switch - 10/100

### Specifications

#### **NEMA Rating – Type 1 Enclosure - IP20 Rating**

Enclosure is intended for indoor use primarily to provide a degree of protection against contact with the enclosed equipment and is not protected from liquids.

#### **Small Box - NEMA rating - Type 1**

Enclosure Dimensions..... 18.25" w x 19.5" h x 8" d  
 Mounting Holes..... Mounts with four pre drilled  
 15/32" holes  
 Input Power (Standard) ..... 115 or 230vac ±10% 50/60Hz

#### **Temp. Range for Enclosure & Touch Screen**

Operating Temperature..... -4°F to 158°F (-20°C to 70°C)  
 Operating Humidity..... 0-95% Non-Condensing  
 Storage Temperature..... -4°F to 158°F (-20°C to 70°C)

#### **Touch Screen 10.1**

Dimensions..... 12.204"L x 9.055"W x 3.215"H  
 Door Mount..... 10.875"L x 7.875" with cutout  
 10 mount studs thru customers encl.  
 HT800 Cellular Silicone Gasket  
 NEMA 4 IP66 rated  
 LCD Screen..... 10.1" Diagonal (Aspect Ratio 16:10)  
 16.2 Million Colors  
 1280 x 800 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..... -20°C to +65°C Operating Temperature  
 Operating Humidity..... 0-95% Non-Condensing  
 Storage Temperature..... -25°C to +70°C Storage Temperature  
 Power Input 12VDC regulated  
 Power Output..... 12VDC output 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