Job Name:
System Reference: Date:

CAPABILITIES:

- Language Options:
  - English, Spanish, French
- Controller Interface
  - Touch panel
  - Backlit LCD
  - Occupancy Sensor
    ◦ Sensitivity level adjustable (-2 to +2)
    ◦ Test mode for vacancy & occupancy
  - Brightness Sensor
    ◦ Sensitivity level adjustable (0 to 100,000+ lux)
    ◦ Test current luminance
  - Temperature Sensor
  - Humidity Sensor
  - LED indicator
- Energy-save control options with occupancy sensor, brightness sensor, and date & time:
  - On/Off
  - Setback mode
  - Set Temperature offset
    ◦ Offset value = 2º F to 8º F (1º F-increments)
    ◦ Auto-away time = 0:00 to 24:00 (hour: minute in 1-minute increments)
    ◦ Detection Level: -2 to 2
  - Fan speed down
  - Thermo-off

- Non-Use (Deactivates)
- Override Energy-Save options
  ◦ Brightness Sensor: Light or Dark
  ◦ Date & Time: Weekly schedule
- LED Indicator adjustable options:
  - Different adjustable colors per operation mode
    ◦ Optional 3 level color specific room temperature range
  - Blinks for error notification
  - Unique adjustable color during Energy-save
  - Off when unit is Off
  - Inverts the LED brightness (High/Low)
    ◦ Occupancy is detected (Adjustable)
    ◦ Touch panel is touched (Adjustable)
  - Brightness sensor changes LED Brightness:
    ◦ Brighten, Darken, Off
- Disable LED Indicator entirely
- Basic Operations
  - On/Off
  - Operation Mode:
    ◦ Heat, Cool, Drying, Fan, Auto (Dual and Single Set point), Setback
  - Set Temperature:
    ◦ 40º F to 95º F (connected model dependent)
  - Fan Speed
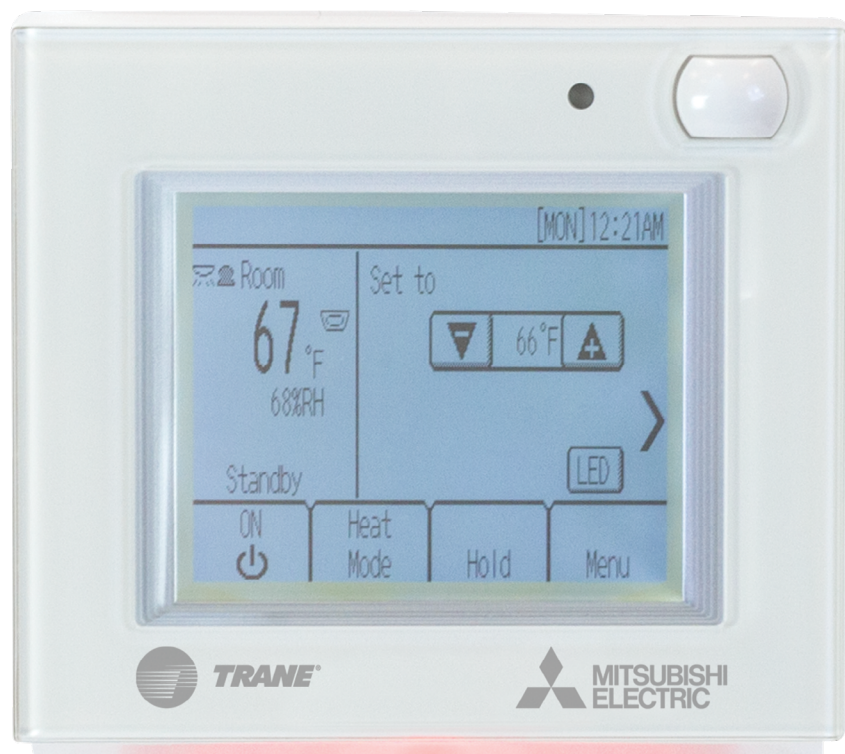
- Air Direction:
  ◦ Auto, Step 1-5, Swing
- Louver:
  ◦ Off, Swing On
- Interlocked LOSSNAY control: Off, Low, High
- Hold Function:
  ◦ Disable Schedule, On/Off timer, Auto-Off timer, Auto return
- Date & time
  - Adjustable format
  - Daylight Savings
- Weekly Schedule
  - Time
  - On/Off
  - Operation Mode
  - Set Temperature
  - Home screen display icon
- On/Off Timer
  - Adjustable in 5-minute increments
  - Repeatable
  - Home screen display icon
- Auto-Off timer
  - Range of 30 to 240 minutes in 10-minute increments
  - Home screen display icon
- • Temperature unit selectable:
  - º F, º C (0.5 C increments)
  - º C (1º C increments)
- Room temperature display option: Show or Hide
- Backlight timeout adjustable:
  ◦ 5, 10, 20 ,30, 60 seconds
- Sound level adjustable:
  ◦ Level 0 to 3 (Level 0 = No sound)
- Display Contrast adjustable:
  ◦ -10 to +10
- Touch panel calibration
- Permit or prohibit functions
  - On/Off
  - Operation mode
  - Set temperature
  - Air direction
- Set temperature range limit for operating modes:
  - Auto (Single setpoint)
  - Cool, Dry, Auto-Cool (Dual setpoint)
  - Heat, Auto-Heat (Dual setpoint)
  - Home screen icon notification
- Auto return function
  - Range of 10 to 120 minutes in 10-minute increments
- Filter maintenance notification
- Error code notification

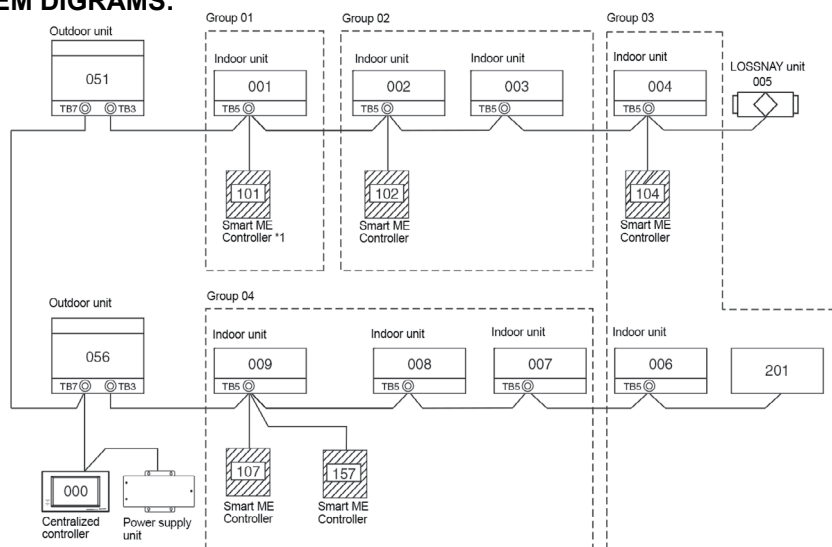Specifications are subject to change without notice.

Power source		17–32 VDC *1 (for connection to M-NET only)	Receives power from outdoor units via the M-NET transmission cable. The power consumption coefficient*2 of the Smart ME Controller is "0.5".
Operating conditions	Temperature	Operating temperature range	0º C to +40º C (+32º F – +104º F)
		Storage temperature range	-20º C to +60º C (-4º F – +140º F)
	Humidity		20% to 90% RH (Non-condensing)
Net weight	Lbs. (kg)		0.3 kg (11/16 lbs)
Product size (W x H x D)	In. (mm)		5-17/32 x 4-3/4 Z<4-27/32> x 1 <1-5/32> (140 x 120 <123> x 25 <28.8>) * The numbers in the <> indicate the dimensions including the protruding parts.

*1 Not for use with a generic DC power supply device.

*2 "Power consumption coefficient" is a coefficient to calculate the relative power consumption of the devices that receive power through the M-NET transmission cable.
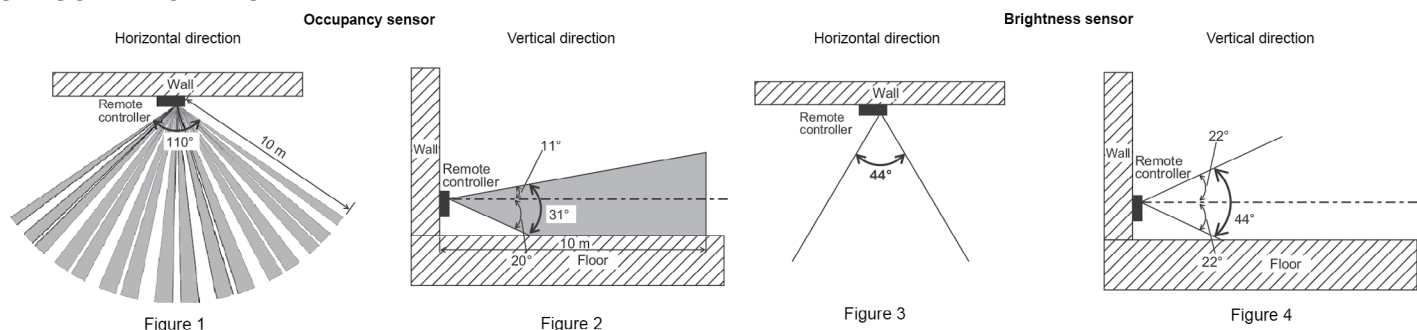
Refer to section 4 "System diagram" in Chapter 1 in the Installation Manual.
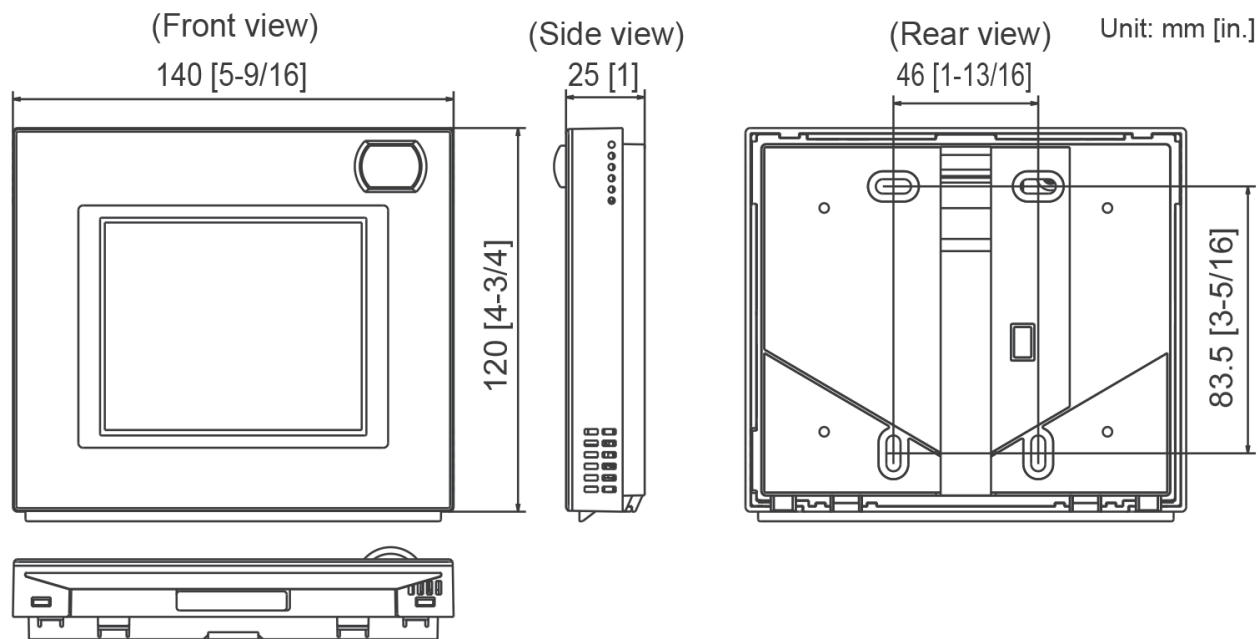
SYSTEM DIGRAMS:

- Can control up to 16 indoor units in one group
  - The ME and MA remote contoller cannot be connected in the same group
- Up to two remote contorllers (main and sub) can be connected to an indoor unit or a group of indoor units
- Connect to TB5 on any indoor unit in same M-NET system
- Remote contoller cable (0.3 mm² (AWG 22) 2-core sheathed cable)
  - If remote controller cable exveeds 10 m (32 ft), use AWG 16

SENSOR DIAGRAMS:

Figure 1

Figure 2

Figure 3

Figure 4

(Front view)

140 [5-9/16]

(Side view)

25 [1]

(Rear view)

46 [1-13/16]

Unit: mm [in.]

120 [4-3/4]

83.5 [3-5/16]

NOTES:

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