

PRODUCT OVERVIEW

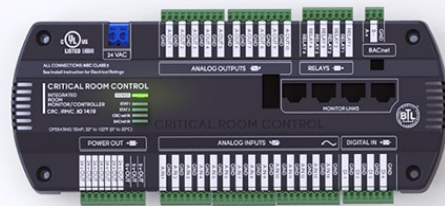
The **MultiVIEW (MV)** touch monitor allows users to view the current value and status of up to 28 points. Swipe left or right to view additional points. Each point can be configured to show set point and / or allow the user to adjust set point, and includes both visual and audible alarms. Set point adjustments can be password protected.

The MultiVIEW (MV) can be ordered as a touch monitor only solution (**IRM-MV**), or as a room level controller (**IRC-MV**) that can support simple to complex room controls including volumetric offset, variable volume, and direct pressure controls for small to large critical environments using up to three supply air valves and up to three general exhaust valves.

Each MultiVIEW (MV) comes with an I/O Board and one 7" Touch Monitor (w/ accessories), with the option to add up to three additional touch monitors.

Product Features:

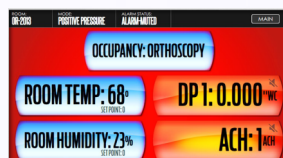
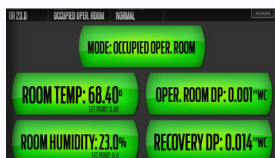
- Clear / unambiguous display of room status on up to 4 different touch monitors.
- Display, adjust set point, and alarm up to 28 points—swipe left to view more data.
- Volumetric offset control for critical spaces with rapid speed of response requirements.
- Direct pressure control.
- High speed, closed loop valve control.
- Place touch monitors up to 200' from I/O Board.
- No laptop or special programming tool required.
- Setup wizard & quick configuration menus.
- Archive, store, and load controller programming and commissioning data.
- Clone, load, and archive monitor settings.
- Multiple level password protection.
- Dedicated menus for room commissioning and balancing provide fast setup and validation.
- BACnet BTL—Open communication protocol.
- I/O diagnostic tools.
- Visual and audible alarms.



ISO 13485:2003 MEDICAL
FDA REGISTERED MANUFACTURER

Applications:

- High Speed Fume Hood Labs
- Volumetric Tracking Pairs
- Wet Laboratories
- Vivarium / Animal Rooms
- Surgery Suites / Operating Rooms
- Pharmacy (USP-797 & 800)
- Airborne Infectious Isolation Rooms
- Procedure Rooms
- Patient Rooms
- Clean Rooms
- Cascaded Labs



EQUIPMENT

Included:

- 1 - I/O 14:10 Board
- 1 - 7" Touch Monitor (programmed as a MultiVIEW)
- 1 - 7" Monitor mounting bracket
- 1 - 25' Cat 6 cable

Optional:

- Up to 3 additional touch monitors (w/ mounting bracket and cat6 cable)
- Up to 3 pressure transducers (with 2 pressure pickup plates each)

SPECIFICATIONS (I/O 14:10 Board)

Dimensions - Controller: 10.25"W x 4"H x 1.25"D

Input Power: 24 VAC +/- 10%, 50/60 Hz, maximum 50 VA, Class 2

Onboard Power: 5 - 24 VDC (200mA total max.), 3 - 5 VDC (100mA total max.)

Operating Temperature: 32° to 122°F (0° to 50°C)

Storage Temperature: -40° to 70°C (-40° to 158°)

Humidity 5 to 95% RH (non-condensing)

Analog Inputs: 14 (0-10v, 2-10v, 1-5v)

Analog Outputs: 10 (0-10v, 2-10v, 1-5v)

Digital Inputs: 4

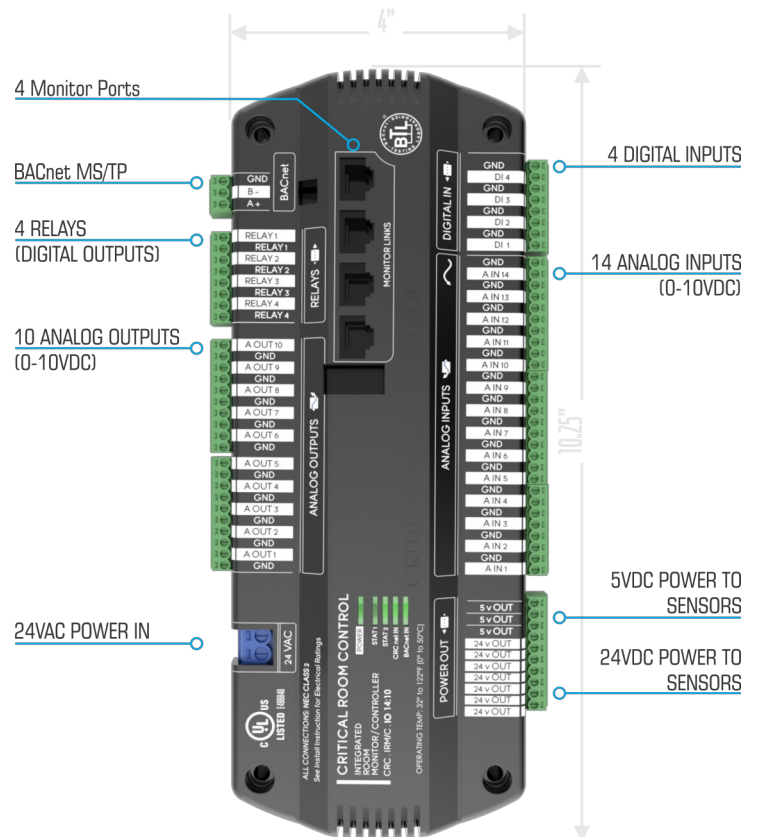
Relays (Digital Outputs): 4 Normally closed (2A @ 30VDC)

Communication: BACnet® MS/TP (BTL – listed / tested)

Connectors: Removable screw type (14 - 26ga wire)

Listing: UL 916, C-UL, BTL

Manufactured Under: ISO 13485:2003 Medical
FDA REGISTERED MANUFACTURER



SPECIFICATIONS (7" TOUCH MONITOR)

Dimensions: 9 x 5.375 x 1.5 in.

Display Type: Resistive touch 7in. (109 mm) TFT/IPS

Resolution: WVGA RGB 480px x 800px

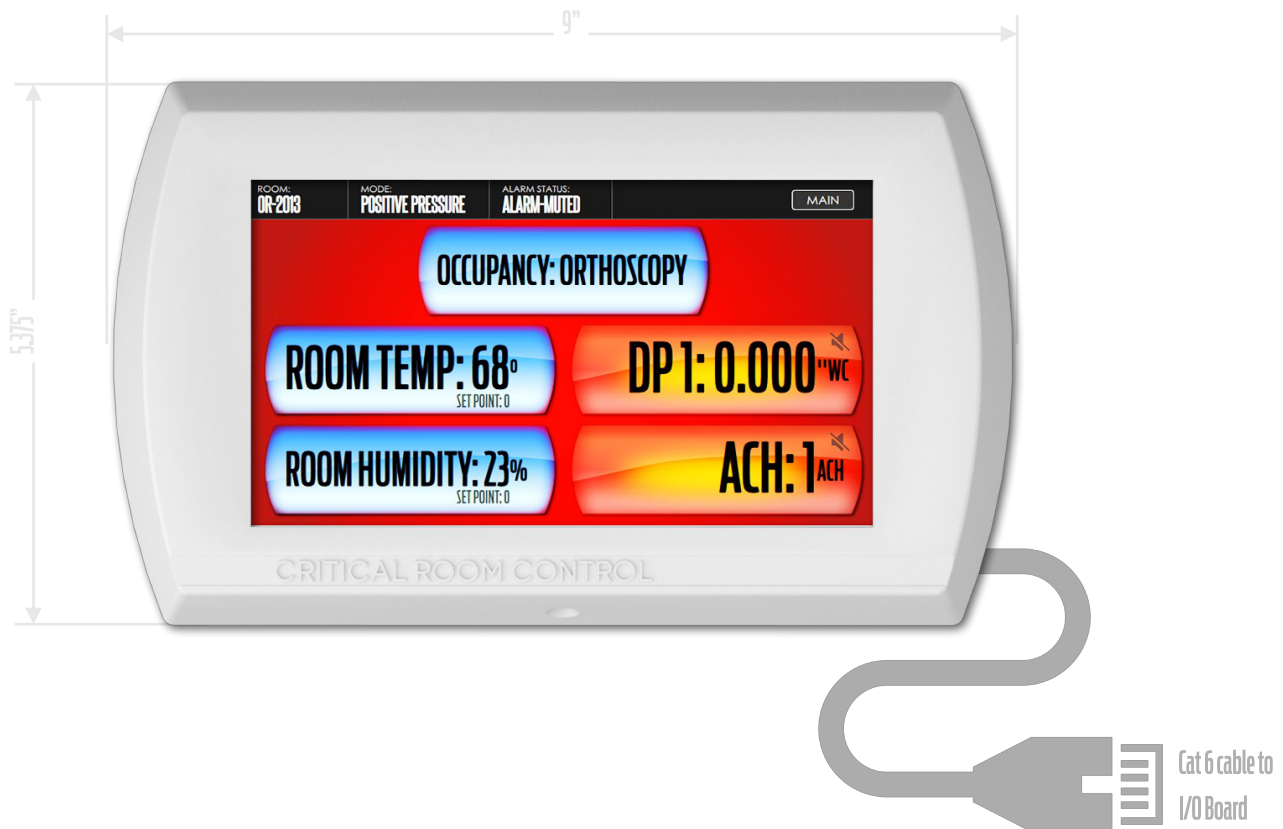
Brightness: Sunlight readable (600 cd/m2)

Input Power: Supplied by IRM/C I/O via CAT6 cable, (200' max per monitor or 500' max combined cabling distance if using multiple monitors)

Environmental (operating): 50°F to 95°F (10°C to 35°C), 0% to 95%

Mounting: Mounting bracket (included) to a 3-gang electrical box (not included)

Connection to I/O Board: Up to 200' Shielded Cat 6 cable 22ga (25' Cat 6 included)



OPTIONS

EQUIPMENT

ROOM CONTROL (SELECT ONE):

IRM

ROOM MONITOR ONLY

IRC

ROOM CONTROL

PRIMARY PRODUCT:

**MV**

MultiVIEW

- (1) I/O Board
- (1) 7" Touch Monitor
- (1) Monitor mounting plate
- (1) 25' Cat 6 Cable

PRESSURE RELATIONSHIPS (SELECT ONE):

0

1

2

3

- Per pressure relationship:**
- (1) Pressure transducer
 - (2) Pressure pickup plates

CONTROL OPTIONS (SELECT ONE):

N

NONE

D

DIRECT PRESSURE

V

VOLUMETRIC OFFSET

ADDITIONAL TOUCH MONITORS (SELECT UP TO THREE):

**PM**PRESSURE
MONITOR**PMV**PRESSURE
Multiview**MV**

MultiVIEW

- Per touch monitor:**
- (1) 7" Touch Monitor
 - (1) Monitor mounting plate
 - (1) 25' Cat 6 Cable

NOMENCLATURE:

