

# TRIATEK FMS-1650



FMS1650 Stainless Steel  
Flush Mount

## FMS 1650 FEATURES:

- User friendly touch display
- Flush mount & surface mount models available
- 6 analog inputs
- 4 digital inputs
- 4 proportional outputs
- 4 relay outputs
- Audible and visual alarms
- BACnet and Metasys N2 protocols



FMS1650 Surface Mount

## INTUITIVE, EASY AIR CONTROL

Building on over 18 years of proven isolation room control experience, Triatek offers its latest generation of FMS series Isolation Room Controllers – The FMS-1650.

With an integrated precision measuring system and an aesthetically pleasing, user friendly, touch sensitive, full color TFT display, configuring room parameters has never been easier. Pressures or flow down to 0.0001"WC can be measured with the FMS-1650.

Building automation systems using one of the popular open protocols (BACnet or Metasys N2) easily integrate the FMS-1650 into the current architecture

without additional programming. The 6 analog inputs, 4 digital inputs, 4 PID outputs and 4 relay outputs allow for a variety of configuration options and increased flexibility.

### Other features include:

- Stainless steel flush mount or surface mount models
- Simultaneous display of pressure, temperature, humidity & air changes
- Password protection
- Audible alarm delay
- Optional custom logo available

# TRIATEK FMS-1650

## Electrical

Optional External Remote Sensor Distance	up to 4,000 feet
Optional External Remote Sensor	Wiring 18-22 AWG, shielded twisted pair
Accuracy of Measurements	±0.5% FS <i>NIST Traceable/individual certification optional</i>
Pressure Range	±0.2500"WC
Analog Inputs	(4) 4-20mA <sub>dc</sub> , 0-5V <sub>dc</sub> or 0-10V <sub>dc</sub>
Analog Outputs	(4) 4-20mA <sub>dc</sub> , 0-5V <sub>dc</sub> or 0-10V <sub>dc</sub>
Thermistor Inputs	(2) NTC Type 2 or 3, 10kΩ @25°C
Digital Inputs	(4) Active-High or Active-Low
Relay Outputs	(4) 1A@24V <sub>dc</sub> , 0.5A@120V <sub>ac</sub>
Control Signal Wire Size	18 AWG minimum
Power Supply	24 ±10%, 10VA 120 to 24V <sub>ac</sub> , 60Hz, step-down isolation transformer provided

## Communications

BACnet MS/TP Network	Two-wire twisted pair, RS-485 signaling
Metasys N2 Network	Two-wire twisted pair, RS-485 signaling
Recommended Cable Type	Belden 85102

## Touch Screen User Interface

LCD Size	3.2" diagonal
Resolution	240 x 320
Viewing Area	50.60 mm x 66.80 mm
Color Depth	18-bit or 262K colors
Backlight Color	White
Luminous Intensity	min 2500 cd/m <sup>2</sup>



## Part Number Guide

FMS1650 -  -  -   -

### Case Style

S = surface  
F = flush

### Internal Sensor <sup>1</sup>

0 = no internal sensor  
1 = standard internal sensor  
A = optional no-flow internal sensor  
D = optional digital internal sensor

### # Remote Sensors

0 = no remote sensors  
1 = one standard remote sensor  
2 = two standard remote sensors  
A = optional remote sensor A  
B = optional remote sensor B

### # Optional Sensors <sup>2</sup>

Blank = no optional sensors  
1 = one optional remote sensor  
2 = two optional remote sensors

### Language

Blank = English/Spanish  
F = English/French

<sup>1</sup> Internal Sensor option only available on flush-mount model FMS1650-F-x-x  
<sup>2</sup> This digit only applies to optional sensors specified in preceding digit



4487 Park Drive, Suite A-2 • Norcross, GA 30093  
Phone: (770) 242-1922 • www.triatek.com