

TRIATEK FMS-1650

FMS 1650-X FEATURES:

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



FMS1650-F Stainless Steel Flush Mount



FMS1650-S 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. Highly sensitive, pressures or flow to 0.0001”WC can be measured with the FMS1650.

Building automation systems using one of the popular open protocols (BACnet, Metasys N2) easily integrates the FMS-1650 into the current architecture without additional

programming. The 6 analog and 4 digital inputs, plus 4 PID and 4 relay outputs, also allow for a variety of configuration options and increased flexibility.

Other features include:

- Simultaneous display of pressure, temperature, humidity & air changes
- Password protection
- Audible alarm delay
- Optional custom logo available
- Optional secondary, non-interactive flush or surface mounted display 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 <i>NIST Traceable/individual certification optional</i>	±0.5% FS
Pressure Range	±0.2500"WC
Analog Inputs	(4) 0-20mAdc, 0-5Vdc or 0-10Vdc
Analog Outputs	(4) 0-20mAdc, 0-5Vdc or 0-10Vdc
Thermistor Inputs (<i>BACnet & N2 only</i>)	(2) NTC Type 2 or 3, 10kΩ @25°C
Digital Inputs	(4) Active-High or Active-Low
Relay Outputs	(4) 1A@24Vdc/Vac
Control Signal Wire Size	18 AWG minimum
Power Supply	24 ±10%, 10VA 110 to 24Vac, 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
LonWorks* FTT-10A Peer to Peer Network	Two-wire twisted pair, FTT-10A signaling
Recommended Cable Type	Belden 1325A
Touch Screen User Interface	
LCD Size	3.2" diagonal
LCD Type	Transmissive
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/m2
Mounting Dimensions	
Surface	7.457"H x 4.526"W
Flush	8.500"H x 5.500"W



FMS-1650-F (Flush Mount)



FMS-1650-S (Surface Mount)



Profile Comparison:
FMS-1650-T (left) & FMS-1650-F (right)

Part Number Guide

FMS1650 - [] - [] - [] [] - []

Case Style

S = surface
F = flush
T = thin

Internal Sensor ¹

0 = no internal sensor
1 = standard internal sensor
D = optional digital internal sensor
R = optional remote display ³

Remote Sensors

0 = no remote sensors (demo)
1 = one standard remote sensor
2 = two standard remote sensors
A = optional no-flow internal sensor
B = custom remote sensor
N = no remote sensors

Optional Sensors ²

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

Language

Blank = English/Spanish
F = English/French

¹ Internal sensor option only available on flush-mount model FMS1650-F-x-x

² This digit only applies to optional sensors specified in preceding digit

³ Optional remote display does not include internal sensor



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