

# TRIATEK FMS-1650L

## FMS-1650L FEATURES:

- User friendly touch display
- Flush mount, low profile & surface mount models available
- 4 analog & 4 digital inputs
- 4 analog & 4 relay outputs
- Audible and visual alarms
- LonWorks network connectivity



FMS-1650L-T  
Stainless Steel Flush



FMS-1650L-S  
Surface Mount

## INTUITIVE, EASY AIR CONTROL

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

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 FMS-1650L.

LON based building automation systems easily integrates the FMS-1650L into the current architecture without additional programming. The 4 analog and 4 digital

inputs, plus 4 analog 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

# TRIATEK FMS-1650L

Electrical	
External Remote Sensor Distance	up to 4,000 feet
External Remote Sensor	Wiring 18-22 AWG, shielded twisted pair
Accuracy of Measurements	±0.00125 <i>NIST Traceable/individual certification optional</i>
Analog Inputs	(4) 0-20mA <sub>dc</sub> , 0-5V <sub>dc</sub> or 0-10V <sub>dc</sub>
Analog Outputs	(4) 0-5V <sub>dc</sub> or 0-10V <sub>dc</sub>
Digital Inputs	(4) 0-5V <sub>dc</sub> or 0-10V <sub>dc</sub> , Active-High or Active-Low
Relay Outputs	(4) 1A@24V <sub>dc</sub> /Vac
Input Impedance	10k - 0 Ω
Output Impedance	Ω 0 -10k
Control Signal Wire Size	18 AWG minimum
Power Supply	24 ±10%, 10VA 110 to 24VAC, 60Hz, step-down isolation transformer provided
Communications	
LonWorks FTT-10A Peer to Peer Network	Two-wire twisted pair, FTT-10A signaling
Recommended Cable Type	Belden 85102
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/m <sup>2</sup>
Mounting Dimensions	
Surface	7.457"H x 4.526"W
Flush	8.500"H x 5.500"W



## Part Number Guide

FMS-1650L -  - 0 -

### Case Style

T = thin (flush)  
S = surface

### # of Remote Sensors

1 = single sensor  
2 = dual sensor  
3 = triple sensor  
4 = quad sensor



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

\* Optional remote display does not include internal sensor