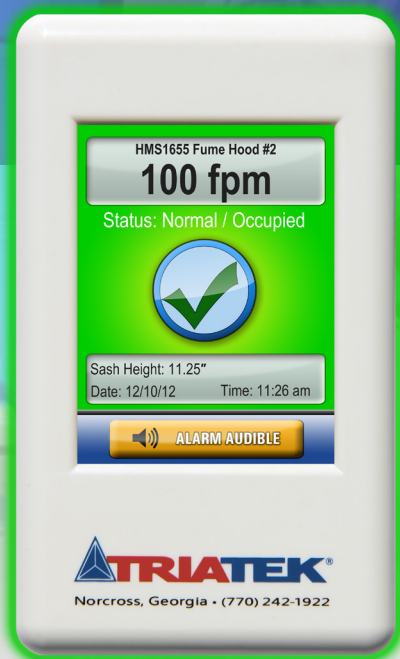


# HMS-1655 LITE

## Fume Hood Monitor

### Data Sheet



HMS-1655 LITE with Safety Halo™

Triatek's HMS-1655 LITE Fume Hood Monitor is a budget-friendly stand-alone fume hood monitor ideal for fume hoods that do not require network integration. It utilizes a closed-loop system to regulate air entering and exiting the fume hood and communicates with a sidewall sensor and sash position sensor to monitor the airflow with a higher degree of reliability, ensuring safe working environment for researchers.

It features a user-friendly touchscreen with modern graphics and intuitive menus, and the innovative Safety Halo™ edge lighting allows users to easily monitor any fume hood from across the lab. It instantly updates as conditions change, and immediately alerts users of unsafe conditions with both visual and audible alarms.

The home screen simultaneously displays the current hood status, sash height, face velocity, time, and date.

The HMS-1655 LITE provides more confidence than systems reporting on sash height alone which do not account for obstructions in front of an open sash.

#### FEATURES INCLUDE

- Cost-effective
- Safety Halo™ edge lighting
- User-friendly touchscreen with intuitive menus
- Bold, modern graphics
- Visual and audible alarms
- Easy to install and customize
- Password protection with four access levels
- Multiple alarms for sidewall and sash position sensors
- Non-volatile memory
- Available in plastic surface mount

# HMS-1655 LITE

## Fume Hood Monitor

Data Sheet

HMS-1655 LITE Specifications	
Face Velocity Range	0-200 fpm
Alarm Range	0-200 fpm
Display Range	0-200 fpm
Accuracy	±2 fpm at 60-140 fpm, ±5 fpm outside this range
Sidewall Sensor	Digital ultra-low differential pressure
Sash Position Sensor	Vertical height up to 50"
Monitoring Resolution	±2 fpm
Monitoring Capability	Sash position with sidewall sensing feedback
Analog Inputs	One for sash position sensor (0-10Vdc)
Analog Outputs	2 for remote monitoring only (0-5Vdc – face velocity, 4-20mA - DP)
Operating Temperature	32° to 125° F operating
Operating Humidity	10-95% relative humidity, non-condensing
Exterior Dimensions	Plastic surface mount housing: 3" W x 5" H x 1.13" D
Mounting Styles	Surface (no cutout required)
Power Requirements	24 VAC/dc ±10% 10VA min
Password Protection	Up to 10 user passwords with 4 access levels
Display	18-bit (262K) color TFT, 3.2" diagonal, resistive touchscreen, 2500 cd/m <sup>2</sup>
Alarm Indication	Safety Halo™ 180° visual indication Industry standard Status colors with action icons
Alarm Silence	Touchscreen, auto-reset

Product specifications are subject to change without notice. Triatek is a registered trademark of Triatek LLC.

### Part Number Guide

HMS1655-LITE -

- Blank = No sash sensor with standard power supply
- S = Include sash sensor with standard power supply
- W = No sash sensor with wall adapter power supply
- SW = Include sash sensor with wall adapter power supply



Normal Mode



Warning Mode



Alarm Mode

