CMS-1655

Central Monitoring Station

Product Bulletin

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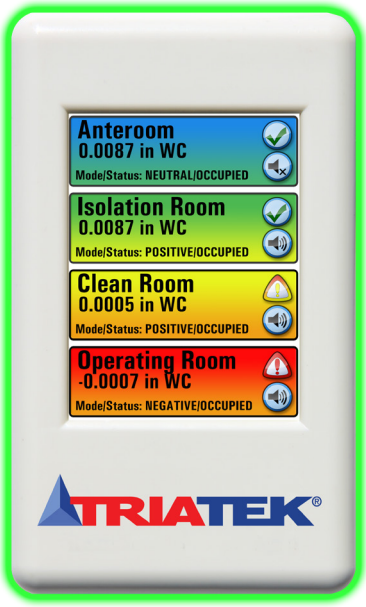

Description

The Triatek® CMS-1655 Central Monitoring Station provides at-a-glance monitoring for up to four rooms or four fume hoods, or a combination of rooms and hoods. The CMS-1655 is commonly used at nurses' stations, or in large laboratories where monitoring multiple spaces is required.

The CMS-1655 creates a centralized location for easily accessing critical information like room pressure, isolation mode, exhaust air flow, face velocity, and alarm status of multiple spaces and/or fume hoods. By displaying vital information on a single screen, users are able to make informed decisions more quickly, ensuring their critical spaces are kept safe.

The CMS-1655 is protocol-independent but can be connected into any building automation system.

If any monitored parameter is outside its prescribed range, the CMS-1655 activates an audible and visual alarm, alerting staff to the alarm condition. It features the patented Safety Halo™ 180° edge lighting, which enables staff to monitor spaces down long corridors with a simple glance. The green, yellow, and red visual alarms also aid in reducing audible alarm fatigue, as the audible alarm can be easily silenced with the tap of a finger.

Features

- Audible alarm and patented Safety Halo visual alarm
- Intuitive menus; easy to set up
- Critical environment-specific design; complies with ANSI/ASHRAE/ASHE standards, US Centers for Disease Control and Prevention (CDC) guidelines, and United States Pharmacopeia (USP) requirements
- Easy-to-read full color LCD touchscreen
- Monitor up to four fume hood controllers or room pressure controllers; no additional power is required
- Stainless steel thin flush mount or plastic surface mount options available
- Password protected with four access levels to prevent unauthorized access
- Protocol-independent, can connect to any BAS

Applications

- Airborne infection isolation (AII) rooms - negative pressure
- Protective environment (PE) isolation rooms - positive pressure
- AII and PE room with an anteroom
- Operating rooms (ORs)
- Compounding pharmacies
- Pandemic preparedness rooms
- Intensive care units
- Laboratories and vivariums
- Burn units
- Bronchoscopy suites
- Mortuary preparation rooms / autopsy rooms
- Data centers
- Laundry areas, food prep, construction

Model types

The CMS-1655 is available in stainless steel thin flush mount or plastic surface mount. The patented Safety Halo edge lighting uses the universally-accepted colors of green, yellow, and red to indicate room safety levels. The touchscreen menu makes it simple to drill down to view a specific room or fume hood's conditions.

The Safety Halo 180° edge lighting immediately updates if monitored conditions change, and users can also configure the Safety Halo to dim during evening hours, along with other facility lights.

Note: Images not to scale, refer to product specifications for actual size.

Figure 1: CMS-1655 surface mount models with Safety Halo

Figure 2: Front and side view of the CMS-1655 thin flush mount model

Ordering guide

Table 1: Product code ordering guide

Feature	Code letter or number and description	Product code number example: CMS1655-S
Product name	CMS1655	CMS1655
Style	S = Surface mount T = Thin mount	S

Technical specifications

Monitoring capacity	Up to 4 FMS-1655s or 4 HMS-1655s; or a combination of up to 4 FMS-1655 and HMS-1655s
Interface cable	Belden 132A, 18 AWG minimum
Operating temperature	32°F to 125°F
Operating humidity	10% - 95% relative humidity, non-condensing
Mounting options	Stainless steel thin flush mount, plastic surface mount
Display	18-bit (262K) color TFT, 3.2 in. diagonal, resistive touchscreen, 2500 cd/m2
Alarm indication	Safety Halo color coded visual, audible alarm
Alarm silence	Touchscreen, auto-reset
Display	18-bit (262K) color TFT, 3.2 in. diagonal, resistive touchscreen, 2500 cd/m2
Password protection	Up to 10 user passwords with 4 access levels
Communications protocol	Protocol-independent
Dimensions	Stainless steel flush mount thin housing: 5.6 in. W x 8.5 in. H x 0.75 in. D Plastic surface mount housing: 3 in. W x 5 in. H x 1.13 in. D
Compliance	SGS US Listing, SGS Canada Listing, US FCC Part 15

The performance specifications are nominal and conform to acceptable industry standard. For application at conditions beyond these specifications, consult the local Triatek office. Johnson Controls shall not be liable for damages resulting from misapplication or misuse of its products.

United States Emissions Compliance

This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when this equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area may cause harmful interference, in which case users will be required to correct the interference at their own expense.

Canadian Emissions Compliance

This Class (A) digital apparatus meets all the requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la Classe (A) respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.