



Product:

SmartView Elevator Visual Communication System
Section 2.27.1

Requirement:

ASME A17.1

Part 1 - General

1.0 Summary

- 1.1 A Janus SmartView controller board, display, remotely viewable camera and dedicated Yes / No buttons are to be installed in each elevator. The display is to be mounted in the COP with the Yes / No buttons and the camera may be mounted in the COP or ceiling mounted.
- 1.2 The Janus SmartView display, and camera will be interfaced with the Janus controller and shall allow for remote access via the internet. Each controller must have a unique ID to allow for secure access by authorized personnel and location identification. This ID is to be recorded into the location message of the Janus phone located in the elevator
- 1.3 When the Janus elevator phone is activated and no response is heard by the operator, the operator must be able to view the camera in the car to verify if it is occupied and be able to send a message to the display if the occupant is deaf or has difficulties hearing. The occupant can respond Yes or No using the dedicated buttons.

2.0 Definitions

- 2.1 Janus SmartView Controller: An internet-based device that interfaces with the display, camera and Yes / No buttons within the elevator car allowing for remote access by authorized personnel.
- 2.2 Janus SmartView Controller ID: Unique numeric or alpha-numeric identifier to allow secure access to authorized personnel only.
- 2.3 Janus SmartView Display: A device located in the elevator COP that will show text-based emergency messages to occupants in the elevator. (Or an approved third-party Display).
- 2.4 Janus SmartView Camera: A device located in the elevator that provides emergency personnel live video of the inside of an elevator car. (Or an approved third-party USB camera).
- 2.5 Janus Elevator Phone: A device located in the elevator for contacting emergency response personnel.
- 2.6 POE: Power Over Ethernet

3.0 Submittals

- 1.1 Submit product data sheets. Include operation manuals, and data usage.
- 1.2 Wiring or shop diagrams detailing wiring schematics, cabling.

4.0 Construction

- 4.1 The controller shall have input connections for a display, camera, Yes/No buttons and power. It shall output connection for the internet communication.

4.1.1 The controller, camera, display and buttons shall operate in a minimum temperature range of 32°F to 158°F (0°C to 70°C)

4.2 The display shall have black text on a white background.

4.2.1 The display shall have 3/16" text height minimum and adjust up to 5/8".

4.3 The Yes and No buttons shall require no more than 5lbs of force to activate.

5.0 Mounting

5.1 Displays are to be mounted in the COP.

5.2 Cameras are to be mounted in the COP or ceiling mounted.

5.2.1 When mounted in the COP the camera shall be located between 48" and 60" with a bracket allowing for up to 30 degrees of downward viewing.

5.3 The controller shall be mounted behind the COP.

6.0 Electrical

6.1 The controller must be powered from the COP provided 24vac/dc power, from 120vac with a Janus step down transformer, or POE.

6.2 The display shall be powered by the controller or by 24vac/dc supplied by the COP.

6.3 The camera shall be powered by the controller

7.0 Communications

7.1 The Janus phone shall be activated when the emergency phone push button is pressed.

7.2 The Janus phone shall include the unique SmartView controller ID in its pre-recorded message.

7.3 Once the ID is accessed by authorized personnel; the controller, camera and display will be activated and begin to transmit data.

7.3.1 An open message input field shall be available to the call center personnel to allow for adaptive messaging.

7.3.2 In the same viewport the camera shall be viewable to allow for messages and camera viewing to be done simultaneously.

7.4 Occupant responses shall be displayed to authorized personnel and the occupant.

7.5 If the authorized personnel dispatches assistance, a message shall be sent stating "Help is on the way" to notify the occupant in the elevator.

7.6 Messages sent by authorized personnel must be in a simple format where a Yes or No response can be given by the occupant.

7.7 Once the call has been made (button pushed). The call, camera stream, and display stream can only be terminated by the called party.

7.8 The Janus SmartView controller must be capable of being activated on-site and remotely.

8.0 Graphics

8.1 Yes and No response buttons shall be properly identified in the COP panel.

8.2 If the Janus display is not being used for any other function it shall remain off or show a black screen in an idle state.

8.2.1 If an approved third-party display is being used for other elevator services, the display can remain on at all times.

9.0 Product Substitutions

9.1 No substitutions.

10.0 Warranty

9.1 The two-way visual communication systems shall be warranted for a period of three years.

11.0 Manufacturer

The manufacturer shall be:

Janus Elevator Products

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www.januselevator.com