**SECTION 27 41 16**

**INTEGRATED AUDIO-VIDEO SYSTEMS AND EQUIPMENT**

**GUIDE SPECIFICATION**

*Specifier: The Specifier/Design Professional is responsible for the accuracy of all project specifications, including system application and coordination with related sections. This guide specification is provided as a convenience and requires editing to match actual project requirements. CRESTRON ELECTRONICS, INC. SHALL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF THE USE OF ANY OF ITS GUIDE SPECIFICATIONS. For Crestron design assistance and design review please contact Sales Support Services Department at 800.237.2041 or techsales@crestron.com.*

*Specifier: Please see PART 4 for a listing of products specified in this Guide Specification.*

**Table of Contents**

**1 GENERAL 3**

1.1 Ethernet POE Occupancy Sensor 3

1.1.1 Ceiling-mounted occupancy sensor designed for areas up to 2,000 square feet. Ethernet Ethernet connectivity for connection a control processor or server applications by same manufacturer. 3

**2 PRODUCTS 3**

2.1 Network Occupancy Sensor: 3

2.1.1 Basis of Design Occupancy Sensor: 3

2.1.2 Cloud Service Functionality 3

2.1.3 Network and Security 3

2.1.4 Functional 4

2.1.5 Physical 4

**3 EXECUTION 4**

**4 APPENDICES 4**

4.1 SPECIFIED PRODUCTS 4

4.1.1 Crestron GLS-ODT-C-CN 4

# **GENERAL**

*NOT USED in this Guide Specification. Specifier shall Specify PART 1 administrative and procedural requirements as needed.*

## **Ethernet POE Occupancy Sensor**

### Ceiling-mounted occupancy sensor designed for areas up to 2,000 square feet. Ethernet Ethernet connectivity for connection a control processor or server applications by same manufacturer.

# **PRODUCTS**

## **Network Occupancy Sensor:**

### Basis of Design Occupancy Sensor:

#### Crestron CEN-ODT-C-POE

*Specifier Note:*

*For additional information please see link below:*

*https://www.crestron.com/Products/Lighting-Environment/Sensors/Occupancy-Sensors/CEN-ODT-C-POE*

### Cloud Service Functionality

#### Through cloud service by same manufacturer the sensor device shall support remote provisioning, monitoring, and sensor device managment.

### Network and Security

#### HTTPS connectivity

#### PoE (802.3af)

#### 802.1X authentication

#### TLS encryption

#### Active Directory service integration

#### Support for SNMP

### Functional

#### Combination of ultrasonic motion detection and passive infrared detection with internal microprocessor.

#### Coverage: 360 deg., 2000 sq. ft.

#### Grace occupancy feature allows room lights to be turned on when sensor is triggered within 15 seconds of entering vacancy mode.

#### Detects movement within space while reducing false triggering or shutoffs while space is occupied.

#### Sensor shall be independently adjustable for installed conditions.

#### Walk-through mode

### Physical

#### Communication and power: female 10/100 Ethernet port; IEEE 802.3af

#### Mounting: 4” octagon box

# **EXECUTION**

*NOT USED in this Guide Specification. Specifier shall Specify PART 3 On-Site work as needed.*

# **APPENDICES**

## **SPECIFIED PRODUCTS**

*Specifier Note: This Article includes Crestron products specified in this Guide Specification document. This Article is for reference only and should not be required in actual project manual unless included in an overall system equipment list.*

### Crestron GLS-ODT-C-CN