

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. 6-inch Charcoal/White Recessed Mount Dome Housing for use with a fixed camera.

1.02 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Manufacturer's descriptive literature for equipment specified, including components, options, specifications, ordering information, and accessories.
- C. Manufacturer's installation instructions for each product.
- D. Shop Drawings if required.

1.03 QUALITY ASSURANCE

- A. Regulatory Requirements (if applicable).

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Store products of this section in manufacturer's unopened packaging until installation.
- B. Maintain dry storage area with temperature between -20C to +50 C (-4F to +122F) for products of this section until installation.

1.05 WARRANTY

- A. This Aigis Mechtronics LLC product is warranted against defects in materials or workmanship for a period of 39 months from date of shipping.

1.06 REFERENCES

- A. List compliance regulations (e.g UL, FCC CLASS A) for each product if applicable.

PART 2 - PRODUCTS

2.0 GENERAL

2.01 MANUFACTURER

- A. Aigis Mechtronics, LLC
1124 Louise Road
Winston-Salem, NC 27107-5450
Tel. (877) 523-6500 or (336) 785-7740
Fax. (336) 785-7744
www.aigismech.com

2.02 General Requirements

6-in Charcoal/White Recessed Dome Housing

- A. The product specified shall be a Charcoal in-ceiling, dome housing that accommodates fixed cameras. The in-ceiling dome specified shall include a 6.3 inch diameter masked acrylic bubble with a tinted, acrylic viewing window with a 0.5 f/stop loss to conceal a camera/lens assembly and which provides minimal light reduction.
- B. The in-ceiling dome shall be easily mounted in sheetrock or standard drop ceilings using quick-latch connections. The backbox shall be constructed of durable aluminum with conduit access and accommodations for safety cables making it usable in plenum ceiling applications.
- C. A two-arm camera support bracket, adjustable forward and backward, shall be included with each unit. The camera bracket shall provide manual pan and tilt adjustments for full 180 degree viewing.

2.03 MECHANICAL SPECIFICATIONS:

- A. Dimensions: In-ceiling backbox:
137 mm (5.38 in.) height above ceiling.
165.1 mm (6.5 in.) diameter.
- B. Tinted Dome Bubble: 160 mm (6.3 in.) diameter
- C. Weight: 1.3 kg (2.8 lb)
- D. Construction: Aluminum in-ceiling backbox; tinted acrylic dome with 0.5 f/stop loss.
- E. Finish: Charcoal trim ring

2.05 ENVIRONMENTAL SPECIFICATIONS:

- A. Operating Temperature: -10C to +50C (+14F to +122F).
- B. Humidity: 0% to 90% relative, non-condensing.
- C. Enclosure protection: Plenum rated.

2.06 Product Regulatory Compliance

- A. Product Safety: Complies with CE and UL Standards.

2.07 Accessories

- A. The manufacturer shall offer a mounting kit with support rails for suspended ceiling applications.

PART 3 - EXECUTION

3.01 Installation

- A. Installation should be performed by qualified service personnel only in accordance with the National Electrical Code or applicable local codes.

- B. Installation should be performed in accordance with manufacturer's installation manual.

The product specified shall be the Model HS9349 6-in Recessed Dome Camera Housing with a Charcoal finish, manufactured by Aigis Mechtronics.