

SPECIALTY OUTDOOR HOUSINGS - AP16 and AD16



AP16 shown with optional WM1600 wall mount and VLAY16 sunshield

AD16

DESCRIPTION

The AP16 and AD16 aluminum outdoor housing offer outstanding protection for your camera. The AP16 is pressurized to seal out dust, moisture, insects, and pollution. In-the-field pressurization is easy with the Schraeder valve included on each unit. The AD16 is sealed to protect from dust particles that could damage camera equipment. Both include an integrated heater, and are available as VideoKit™ model.

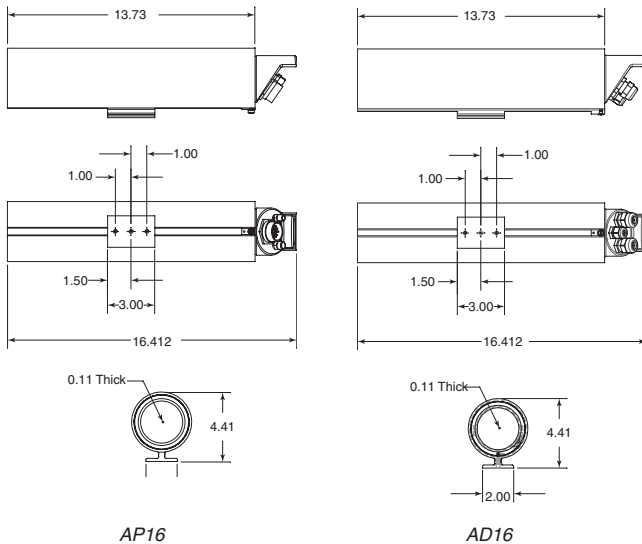
FEATURES

- Aluminum body, glass window
- Integrated heater/defogger
- Multi-pin, corrosion resistant connectors (AP16)
- Three liquid tight fittings for wiring (AD16)
- Optional sunshield
- Optional metal mount
- Both housings also available as VideoKit™ models with camera

ARCHITECTURAL/ENGINEERING SPECIFICATIONS

The AP16 environmental, pressurized housing shall be constructed from .16" (4mm) thick aluminum. The camera housing shall be sealed on both ends by radial pressure O-rings to create a tight seal. Front to back motion shall be prevented by a retaining ring in the front and screws in the back. Chemically strengthened glass shall be used for the faceplate. The housings shall contain a single corrosion resistant connector for power, video, and external sync, and a mating connector shall be provided for the camera. A camera cradle assembly shall be included to allow easy installation and access to the camera and internal equipment. The housings shall be fitted with a standard Schraeder valve for pressurization with 5 lbs. positive pressure of dry nitrogen. An overpressurization safety relief valve shall be mounted on each unit. An integral heater/defogger shall be standard in each unit and shall be mounted to the camera cradle to allow heat transfer to the window to minimize fogging in high humidity and/or freezing under cold temperature conditions. The temperature range shall be -40° F to +120° F. An aluminum sunshield shall also be available as a separately boxed items.

The AD16 environmental, dust free housing shall be constructed from .16" (4mm) thick aluminum. The camera housing shall be designed to prevent dust from entering the unit. Chemically strengthened glass shall be used for the faceplate. Three liquid tight fittings (2 NPT 1/2" and 1 NPT 3/8") shall be included for cable entry. A camera cradle assembly shall be included to allow easy installation and access to the camera and internal equipment. Input power shall be 24 VAC. An integral heater/defogger shall be standard in each unit and shall be mounted to the camera cradle to allow heat transfer to the window to minimize fogging in high humidity and/or freezing under cold temperature conditions. The temperature range shall be -40° F to +120° F. An aluminum sunshield shall also be available as a separately boxed items.



AP16

AD16

ENVIRONMENTAL SPECIFICATIONS

Temperature range: -40° F to +122° F

MODELS

- AP161CH - Pressurized outdoor housing, 115 VAC input
- AP162CH - Pressurized outdoor housing, 24 VAC input
- AD162CH - Dust proof outdoor housing with heater, 24 VAC input

OPTIONS/ACCESSORIES

- APM16 - Pole mount adapter
- VLAY16 - Sunshield
- WM1600 - Metal wall mount

ELECTRICAL SPECIFICATIONS

Power Input - 24 VAC or 115 VAC

Power Consumption

Heater - 10 watts (417mA)

Total - 15 watts (625mA)

SHIPPING SPECIFICATIONS

Model	Unit Weight	Shipping Weight	Shipping Box Dim.
AP16-5A	4 lbs (1.9 kg)	4 Grd/4 Air	17 x 5 x 6
AD16-5A	4 lbs (1.9 kg)	4 Grd/4 Air	17 x 5 x 6

* Shipping weights depend on box dimensions.