



ADCH10

ENVIRONMENTAL CAMERA HOUSING



FEATURES

- Indoor/outdoor housing
- Space - efficient design accepts most cameras and lenses
- Cover opens 180° for easy camera access
- Tough, high-impact polymer construction
- IP4/NEMA-3R protection
- Automatic regulating heater available
- 24 VAC blower, optional
- 24 VAC heater, optional
- Tamper resistant
- Electrically isolated camera platform
- Multiple cable pass mounts available

The ADCH10 is a high quality environmental housing designed for most CCD cameras and zoom lenses. This polycarbonate housing provides excellent protection for the installed camera. The 180° opening of the cover provides full and easy access to the camera and lens for trouble-free installation and servicing.

The camera platform can be securely attached in any position along the full length of the housing. This platform is constructed of a rigid non-conductive material which helps to eliminate common grounding problems.

In cold weather climates, or where condensation problems exist, the optional low current heater and blower automatically regulate heat in the housing to maintain a clear viewing window.

AMERICAN DYNAMICS ENVIRONMENTAL CAMERA HOUSING

SPECIFICATIONS

Model Numbers

| | | |
|--------------|-------|---|
| ADCH10 | ..... | Environmental Camera Housing |
| ADCH10MT8 | ..... | Environmental Camera Housing with 8 inch wall mount |
| ADCH10HB* | ..... | Environmental Camera Housing 24 VAC heater and blower installed |
| ADCH10HBMT8* | ..... | Environmental Camera Housing with wall mount and 24 VAC heater and blower installed |
| ADCH10H* | ..... | Environmental Camera Housing with heater |
| ADCH10B* | ..... | Environmental Camera Housing with blower |

* This housing must be powered by a Class II source. This housing is to be used with a camera that meets Class II requirements.

Mechanical

Construction

| | | |
|------------------------|-------|--|
| Housing | ..... | Magnum® 941 Polymer |
| Viewing Window | ..... | 4.8 mm (0.19 in) Lexan® |
| Color | ..... | Light gray |
| Finish | ..... | Epoxy |
| Dimensions (H x W x D) | ..... | 163 x 146 x 348 mm (6.50 x 5.75 x 13.75 in) |

Unit Weight

| | | |
|-------------------|-------|----------------------|
| Without Sunshield | ..... | 1.4 kg (3.0 lbs) |
| Shipping Weight | ..... | 1.7 kg (3.8 lbs) |
| With Sunshield | ..... | 1.9 kg (4.4 lbs) |
| Cable Entry | ..... | Via cable pass mount |

Maximum Camera/

Lens Length 253 mm (10 in)

Heater

| | | |
|----------------|-------|--|
| Type | ..... | Thermostatically controlled pad heater |
| Supply Voltage | ..... | 24 VAC |
| Power | ..... | 0.63 A |
| Weight | ..... | .68 g (0.15 lbs) |

Environmental

| | | |
|-----------------------|-------|--|
| Weatherproof Standard | ..... | IP4 (NEMA-3R) |
| Operating Temperature | ..... | -23° to 43° C (-10° to 110° F) with heater and blower 85% (non-condensing) |

Accessories

| | | |
|------------|-------|---------------|
| ADCH10SS | ..... | Sunshield |
| AD1314-H24 | ..... | 24 VAC heater |
| AD1314-B24 | ..... | 24 VAC blower |

Recommended Housing Mounts

| | | |
|------------|-------|---|
| ADCHMTCEIL | ..... | Ceiling mount 9.6 kg (20 lbs) capacity |
| ADCHMTWALL | ..... | Wall mount 9.6 kg (20 lbs) capacity |
| ADCHMTPOLE | ..... | Pole mount 9.6 kg (20 lbs) capacity |
| ADCHMTCRNR | ..... | Corner mount 9.6 kg (20 lbs) capacity |
| ADCHMTPED | ..... | Pedestal mount 9.6 kg (20 lbs) capacity |

Regulatory

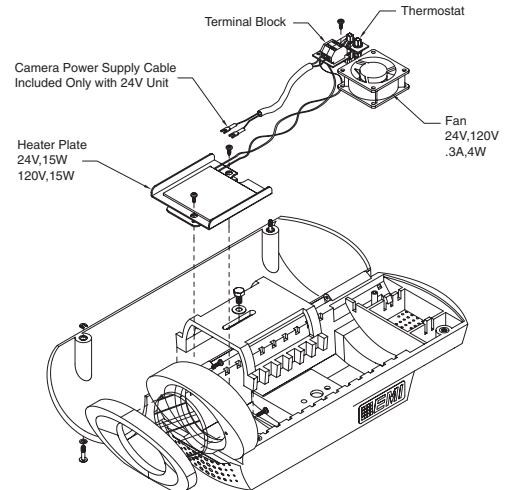
| | | |
|--------|-------|--------|
| Safety | | UL2044 |
|--------|-------|--------|



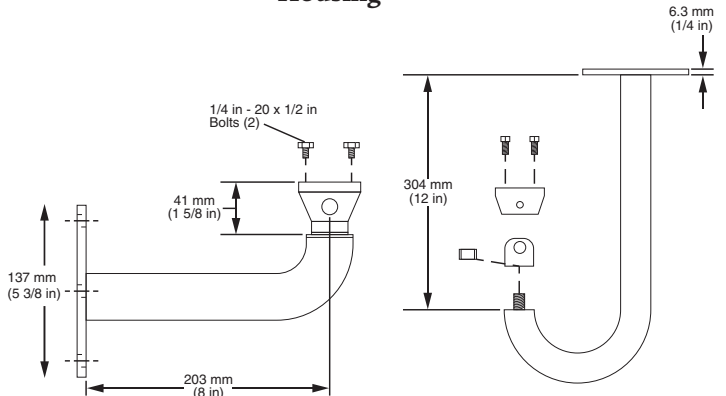
Housing with Sunshield



Housing in open position



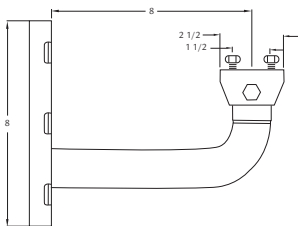
Housing



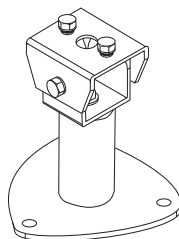
Wall Mount Side View
ADCHMTWALL

Ceiling Mount Side View
ADCHMTCEIL

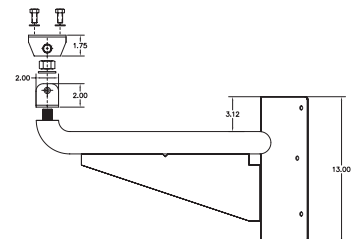
Mounts



Pole Mount Side View
ADCHMTPOLE



Pedestal Mount Side View
ADCHMTPED



Corner Mount Side View
ADCHMTCRNR