AMERICAN DYNAMICS ™

Dome Mounts

American Dynamics' family of programmable domes is complimented by a comprehensive line of mounts to accommodate any indoor or outdoor mounting requirement. These mounts are compatible with the SpeedDome® Ultra Series, and the SpeedDome Optima Series of programmable domes.

Choose from a variety of wall mounts, corner mounts, pole mounts, ceiling mounts, pendant mounts and over-the-roof mounts for both indoor and outdoor applications. Depending upon the requirements of the application, indoor mounts can be used with or without an optional bubble. The mounts' innovative end cap and pendant cap design enable the mount and housing to be assembled on the ground, allowing for a safe, quick and efficient installation.
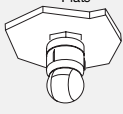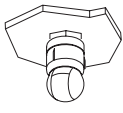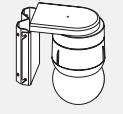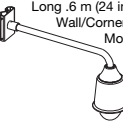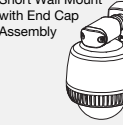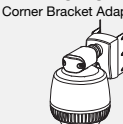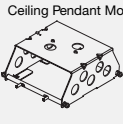
FEATURES

- Complete line of indoor and outdoor mounts to suit any mounting requirement
- Compatible with SpeedDome Ultra, SpeedDome Ultra Drone, and SpeedDome Optima Series of programmable domes
- Lightweight, aesthetic design
- Meets IP66/NEMA 4 (outdoor mounts) and IP40 (indoor mounts) standards

- Tamper-resistant
- Corrosion-resistant, waterproof design
- Choose from different varieties of ceiling, wall, pendant, corner, pole, and over-the-roof mounts
- Ground-level assembly of dome/housing/end cap for quick, safe and efficient installations
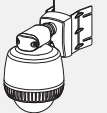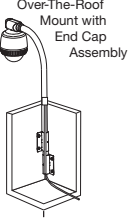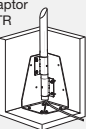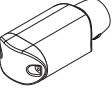
Indoor Mounting Options

Product	Description	*Dome Compatibility	Weight	Dimensions (HxWxD)	Construction	Safety
RHIUTH Top Hat Housing with Trim Ring	This Top Hat housing with trim ring and plastic base mounts directly to a ceiling or to an indoor mounting structure. It is a metal enclosure that houses the dome. The trim ring is slightly larger so that it completely covers the Top Hat's metal rim. The RHIUTH is plenum rated.	✓ SpeedDome Ultra Series SpeedDome Optima	.77 kg (1.7 lbs)	157 x 175 x 175 mm (6 x 7 x 7 in)	Galvanized steel	UL
RHIUIBM I-Beam Mount Assembly	This assembly enables the dome to suspend from an I-beam; it includes the clamp, pipe tee, nipple, and flange. The clamp attaches to a 1.25" pipe, provided by the customer, then affixes to the pendant hardware. The Top Hat housing/dome assembly also mounts to the structure.	✓ SpeedDome Ultra Series SpeedDome Optima	2.9 kg (6.4 lbs)	6 m (max.) x 293 x 127 mm (20 ft (max.) x 12 x 5 in)	Steel and galvanized steel	UL
RHIUIB I-Beam Clamp	This clamp enables the dome to suspend from an I-beam. The I-beam clamp is installed in combination with the RHOPN Ceiling Pendant Mount to affix the Top Hat housing/dome assembly in I-beam installations. This clamp is also included with each RHIUIBM.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	1.5 kg (3.3 lbs)	6.7 x 293 x 127 mm (.29 x 12 x 5 in)	Steel	
RHIUHC Hard Ceiling Bracket	This bracket enables the Top Hat housing to be recessed in the ceiling (requires RHIUTH Top Hat). The bracket is mounted to the Top Hat and installed in a hole cut in the ceiling - perfect for sheet rock, plaster or solid ceilings. The hard ceiling bracket can be installed entirely from below the ceiling; the installer will not have to access the area above the ceiling to install it.	✓ SpeedDome Ultra Series SpeedDome Optima	.70 kg (1.6 lbs)	212 x 179 x 56 mm (8 x 7 x 2 in)	Galvanized steel	UL
RHIUFB Fixed Bracket	This bracket enables the Top Hat housing to be recessed in the ceiling or in a 2-foot drop ceiling tile (requires RHIUTH Top Hat). The bracket is mounted to the Top Hat housing and installed in a hole cut in the ceiling. The bracket distributes the weight of the dome and Top Hat housing across the T-bar framework of the ceiling. It is also very useful for sheet rock, plaster, or solid ceilings.	✓ SpeedDome Ultra Series SpeedDome Optima	1.8 kg (4.0 lbs)	180 x 632 x 100 mm (7 x 24 x 4 in)	Galvanized steel	UL
RHIUAB Adjustable Bracket	This bracket enables the Top Hat housing to be recessed in drop ceiling that utilize other than 2-foot grids (requires RHIUTH Top Hat). The bracket distributes the weight of the dome and the Top Hat housing across the T-bar framework of the ceiling, and is adjustable from 632-1219 mm (24-48 in).	✓ SpeedDome Ultra Series SpeedDome Optima	2.3 kg (5.0 lbs)	180 x 1219 x 100 mm (7 x 48 x 4 in)	Galvanized steel	UL
RHIU2X2M 2' x 2' Tile Mount	This mount enables the Top Hat housing to be recessed in a 2' x 2' drop tile ceiling. The ceiling tile is removed and the white tile mount is simply dropped in its place. A Top Hat housing and plastic base are included in the kit.	✓ SpeedDome Ultra Series SpeedDome Optima	2.7 kg (6.0 lbs)	190 x 607 x 607 mm (7 x 24 x 24 in)	Aluminum, cold rolled steel, ABS plastic	UL
RHIU2X2P 2' x 2' Tile Pendant Mount	This mount enables the pendant mount to be installed in a 2' x 2' drop tile ceiling. The Top Hat housing/dome assembly also mounts to the structure. The mounting kit includes a 2x2 plate and pendant hardware. The plate attaches to a 1.25" pipe, provided by the customer, then affixes to the Top Hat housing/dome assembly. If mounting a SpeedDome Optima with this model, a RHOPN ceiling pendant mount kit is required.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	5.4 kg (12.0 lbs)	47 x 605 x 605 mm (2 x 23 x 23 in)	Aluminum, cold rolled steel, ABS plastic	UL
RH2X2 2' x 2' Tile Mount Plate	This mount enables the dome to be recessed in a 2' x 2' drop tile ceiling. The ceiling tile is removed and the tile mount is simply dropped in its place.	SpeedDome Ultra Series ✓ SpeedDome Optima	1.7 kg (3.8 lbs)	47 x 605 x 605 mm (2 x 23 x 23 in)	Painted aluminum	UL
RHOPN Indoor Pendant Mount	This mount allows an outdoor dome housing to be suspended from an outdoor ceiling or horizontal surface. It can be installed using either 1.25″ NPT threaded pipe or rigid conduit, either new or existing, up to 3 meters (10 feet) in length.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	1.8 kg (4.0 lbs)	115 x 120 x 120 mm (4.5 x 5 x 5 in)	Powder coated aluminum and ABS plastic	UL

Indoor Mounting Options

Product	Description	*Dome Compatibility		Weight	Dimensions (HxWxD)	Construction	Safety
RHIU3X3 3.5" x 3.5" Mounting Plate	This mounting plate enables the dome to mount to a standard 3.5" x 3.5" duplex electrical box that is installed in the ceiling. The Top Hat housing/dome assembly also mounts to the structure.	✓	SpeedDome Ultra Series SpeedDome Optima	.09 kg (.2 lbs)	2 x 90 x 90 mm (.08 x 3 x 3 in)	Galvanized steel	
RHIU4X4 4" x 4" Mounting Plate	This mounting plate enables the dome to mount to a standard 4" x 4" duplex electrical box that is installed in the ceiling. The Top Hat housing/dome assembly also mounts to the structure.	✓	SpeedDome Ultra Series SpeedDome Optima	.14 kg (.3 lbs)	2 x 105 x 105 mm (.08 x 4 x 4 in)	Galvanized steel	
RHIUCM Wall/Corner Mount	This mounting structure attaches directly to a flat wall, inside corner, or outside corner. The Top Hat housing/dome assembly mounts to the structure for a quick and easy installation.	✓	SpeedDome Ultra Series SpeedDome Optima	1.8 kg (4.0 lbs)	With dome installed 224 x 101 x 201 mm (9 x 4 x 8 in)	Galvanized steel	(UL)
RHIULWM Long .6 m (24 in) Wall/Corner Mount	This mount positions the dome away from the wall, enabling it to see over furniture, shelving, and displays. The mounting structure attaches directly to a flat wall, inside corner, or outside corner. The Top Hat housing/dome assembly also mounts to this structure.	✓	SpeedDome Ultra Series SpeedDome Optima	2.7 kg (6.0 lbs)	With dome installed 413 x 123 x 772 mm (17 x 5 x 31 in)	Painted steel	(UL)
RHOSW Short Wall Mount with End Cap Assembly	This mounting structure attaches directly to a flat wall. When used with the RHOWCA corner bracket adapter or RHOWPA pole strap adapter, this short wall mount can be affixed to corners as well as poles. This mount's compact design with mounting cover hides the mounting plate to provide a clean and aesthetically pleasing appearance.	✓ ✓	SpeedDome Ultra Series SpeedDome Optima	1.3 kg (3.0 lbs)	With dome installed 366 x 218 x 282 mm (14 x 9 x 22 in)	Powder coated aluminum, ABS plastic, and fiber filled PVC	(UL)
RHOLW Long Wall Mount with End Cap Assembly	This mount positions the dome away from the wall, enabling it to see over furniture, shelving, and displays. This mounting structure attaches directly to a flat wall. When used with the RHOWCA corner bracket adapter or RHOWPA pole strap adapter, this long wall mount can be affixed to corners as well as poles. This mount's compact design with mounting cover hides the mounting plate to provide a clean and aesthetically pleasing appearance.	✓ ✓	SpeedDome Ultra Series SpeedDome Optima	1.7 kg (3.9 lbs)	With dome installed 366 x 218 x 587 mm (14 x 9 x 23 in)	Powder coated aluminum, ABS plastic, and fiber filled PVC	(UL)
RHOWCA Corner Bracket Adapter	This adapter bracket enables the long and short wall mounts (RHOSW and RHOLW) to affix to outside corners. Its powder coated aluminum construction ensures an extremely sturdy installation.	✓ ✓	SpeedDome Ultra Series SpeedDome Optima	.79 kg (1.75 lbs)	185 x 210 x 125 mm (7 x 8 x 5 in)	Powder coated aluminum	(UL)
RHOWPA Pole Strap Adapter	This adapter bracket enables the long and short wall mounts (RHOSW and RHOLW) to affix to outside corners. This option contains stainless steel straps that can be daisy chained to accommodate any size pole. The kit also includes all the necessary mounting hardware. Its powder coated aluminum construction ensures an extremely sturdy installation.	✓ ✓	SpeedDome Ultra Series SpeedDome Optima	.5 kg (1.1 lbs)	138 x 79 x 27 mm (5 x 3 x 1 in) Straps support 53 to 951 mm (2 to 38 in) pole diameter	Powder coated aluminum and stainless steel	(UL)
RHSDA Ceiling Pendant Mount	This adapter allows a SpeedDome Ultra to be retrofitted into an existing SpeedDome housing via the housing's snap-hinge mounts, making installation fast and easy. A shirt assembly is included with this SpeedDome Housing adapter kit to compensate for the smaller dimensions of the SpeedDome Ultra.	✓	SpeedDome Ultra Series SpeedDome Optima	1.4 kg (3.0 lbs)	106 x 205 x 250 mm (4 x 8 x 10 in)	Anodized aluminum	

Outdoor Mounting Options

Product	Description	*Dome Compatibility	Weight	Dimensions (HxWxD)	Construction	Safety
RHOSW Short Wall Mount with End Cap Assembly	This mounting structure attaches directly to a flat wall. When used with the RHOWCA corner bracket adapter or RHOWPA pole strap adapter, this short wall mount can be affixed to corners as well as poles. This mount's compact design with mounting cover hides the mounting plate to provide a clean and aesthetically pleasing appearance.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	1.3 kg (3 lbs)	With dome installed 366 x 218 x 282 mm (14 x 9 x 11 in)	Powder coated aluminum, ABS plastic, and fiber filled PVC	UL
RHOLW Long Wall Mount with End Cap Assembly	This mount positions the dome away from the wall, enabling it to see over awnings, soffits and landscaping. This mounting structure attaches directly to a flat wall. When used with the RHOWCA corner bracket adapter or RHOWPA pole strap adapter, this long wall mount can be affixed to corners as well as poles. This mount's compact design with mounting cover hides the mounting plate to provide a clean and aesthetically pleasing appearance.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	1.7 kg (3.9 lbs)	With dome installed 366 x 218 x 587 mm (14 x 9 x 23 in)	Powder coated aluminum, ABS plastic, and fiber filled PVC	UL
RHOWCA Corner Bracket Adapter	This adapter bracket enables the long and short wall mounts (RHOSW and RHOLW) to affix to outside corners. Its powder coated aluminum construction ensures an extremely sturdy installation.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	.79 kg (1.75 lbs)	185 x 210 x 125 mm (7 x 8 x 5 in)	Powder coated aluminum	UL
RHOWPA Pole Strap Adapter	This adapter bracket enables the long and short wall mounts (RHOSW and RHOLW) to affix to outside corners. This option contains stainless steel straps that can be daisy chained to accommodate any size pole. The kit also includes all the necessary mounting hardware. Its powder coated aluminum construction ensures an extremely sturdy installation.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	.5 kg (1.1 lbs)	138 x 79 x 27 mm (5 x 3 x 1 in) Straps support 53 to 951 mm (2 to 38 in) pole diameter	Powder coated aluminum and stainless steel	UL
RHOPN Outdoor Pendant Mount	This mount allows an outdoor dome housing to be suspended from an outdoor ceiling or horizontal surface. It can be installed using either 1.25″ NPT threaded pipe or rigid conduit, either new or existing, up to 3 meters (10 feet) in length.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	1.8 kg (4.0 lbs)	115 x 120 x 120 mm (4.5 x 5 x 5 in)	Powder coated aluminum and ABS plastic	UL
RHOTR Over-The-Roof Mount with End Cap Assembly	This mount affixes directly to any vertical roof wall or parapet. This mount positions the dome away from the wall, enabling it to see over awnings, soffits and landscaping. Its opposing wing brackets ensure a secure installation to the roof surface, while allowing the pole to be repositioned for easy service access.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	5.7 kg (12.7 lbs)	1098 x 243 x 473 mm (43 x 10 x 19 in)	Powder coated aluminum, stainless steel, ABS plastic, and fiber filled PVC	UL
ROTRF Floor Adaptor for RHOTR	This adapter enables the RHOTR over-the-roof mount to be installed on horizontal and vertical roof/parapet surfaces. Multiple fastening positions ensure versatility for mounting on any combination of surfaces and angles.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	2.59 kg (5.75 lbs)	369 x 240 x 240 mm (15 x 10 x 10 in)	Powder coated aluminum	UL
ROENDC End Cap Assembly	This mounting assembly allows existing outdoor installations containing any SpeedDome wall, pole, corner, or over-the-roof mount to be retrofitted to accommodate newer outdoor dome/housings. The assembly's modular design allows an installer to mount the housing to the end cap on the ground, before affixing the housing/end cap assembly to the mounting pole; this ensures a safe and easy installation.	✓ SpeedDome Ultra Series ✓ SpeedDome Optima	.32 kg (.70 lbs)	64 x 103 x 194 mm (3 x 4 x 8 in)	Fiber filled PVC	UL