

# BR-APM1 Assembly Guide

## Adjustable Parapet Mount Bracket for Mounting D-Series Housings



**Kit Contents:**  
 Base Plate 8"x8"x 1/2"  
 Pan Tilt Bracket  
 Hardware Pack  
 Rectangular End Cap 4"x7"x 1/4"  
 Round End Cap  
 Boom Arm Tube 23" x 2"



**Suggested Tools:**  
 8" Crescent Wrench, or  
 Open end wrenches 9/16" / 14mm  
 Ratchet Socket Set (Inches)  
 Allen Hex Wrenches 3/32" & 5/32"  
 Impact Drills & Driver for Mounting to Building

**Customer Supplies:**

(4 each) 3/8" x 1" Hex Bolts, Nuts, and Washers (Housing to BR-APM1)  
 (4 each) 3/8" (max dia.) Lag Bolts or other appropriate Anchors Bolts to mount #BR-APM1 to Building or final Structural surface

**Image sequence for BR-APM1 assembly:**

Install 3 Headless set screws (#10-32 x 1/4") Using a 3/32" Hex Allen Drive tool to tighten, to Install Housing bracket mount, Rectangular end cap for Boom tube. Install Rectangular End Cap on ring grooved side of bent Boom Arm tube. Align tube bend to be square with Rectangular end cap that will hold D-Series Housing.



On other end of tube with side holes, Install Round end cap using 2 short Cap Head screws (#10-32 x 0.22") using a 5/32" Hex Allen drive tool to tighten



Using 4 to 6 of the 3/8" x 1.0" Hex bolts, Install Hex Heads on counter sunk hole side of heavy Base Plate using with Internal toothed lock washers installed



Flip over Base Plate to expose 3/8" bolt threads & Install Pan Tilt Bracket over Base Plate as shown below. Install 3/8" Flat washer over exposed threaded studs of 3/8" bolts, then split lock washer, then hex nuts. Repeat for each of fasteners, finger tighten only at this time.



Install 2 long 3/8" x 3.5" Hex bolts by aligning matching holes on extension tube, and passing bolts from one end to other of Tilt hinge hole, and tilt slot. Install flat washers, lock washer, then hex nuts on ends of two 3/8" threaded bolts, lightly tightening to ready for installation onto building or other surface.



Four (4) Corner mounting holes are for 3/8" dia. bolts, on both D-Series housing side, and Base Plate side (building mount end). Base Plate is 1/2" Thick. Two of the Six 1" Pan Adjustment bolts on Base Plate can be removed as needed if deployment needs BR-APM1 to be rotated off square with mount surface To projecting Bent Boom Arm, leaving Minimum 4 Bolts that hold the Base Plate & Pan Tilt Bracket together.