

Panel Antenna Description

Description:

The Shining SUV's AP5G5149090-V/-G antenna is a 5GHz MIMO panel antenna designed for use with SUV HD120-RxE receiver. This panel antenna boosts 40% range comparing with included five Omni-directional antennas ; additionally in challenging RF conditions, it offers resilient wireless reception.

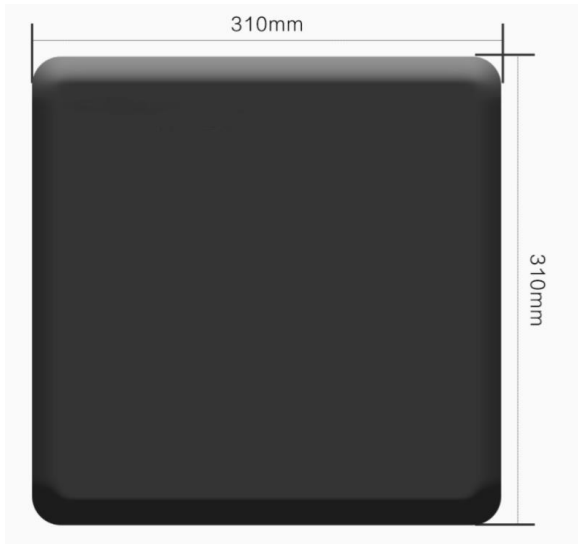
This panel antenna is composed of 5 patch antennas polarity arranged top three upward and bottom left one pointing left 45 degrees and bottom right one pointing right 45 degrees. It operates in the 5.1 to 5.9 GHz frequency range.

Feature:

- Boost wireless reception 40% range
- Higher wireless signal reception sensitivity
- 5.1-5.9 GHz frequency range
- Included a V-mount or G-mount bracket and accessories
- HD120-RxE receives power from battery's D-Tap port

In the box:

- 1) One panel antenna pre-installed with a V-mount battery adapter (AP5G5149090-V) or a G-mount battery adapter (AP5G5149090-G)
- 2) One Camera/Umbrella bracket with at least two 5/8" receivers
- 3) Five N-male right angle to RP-SMA male plug 12 inches RG58 cables
- 4) One universal 5/8" (16mm) stud with both 3/8"-16M and 1/4"-20M threads
- 5) One 3/8" to 1/4" screw adapter with reducer bushing



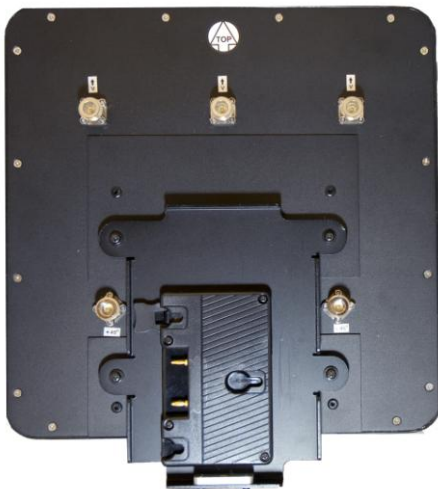
Panel antenna front view



- 1) Panel antenna pre-installed V-mount bracket and 3/8" to 1/4" screw mount adapter rear view

UPC: 893688000901

OR



- 1) Panel antenna pre-installed G-mount bracket and 3/8" to 1/4" screw mount adapter rear view

UPC: 893688000918

2) 5 x N-male right angle to RP-SMA male plug RG58 cables, length 1foot(30 cm)



3) 1 x Camera/Umbrella bracket with three 5/8" receivers



4) 2 x Universal 5/8" (16mm) stud, 3/8"-16M and 1/4"-20M threads

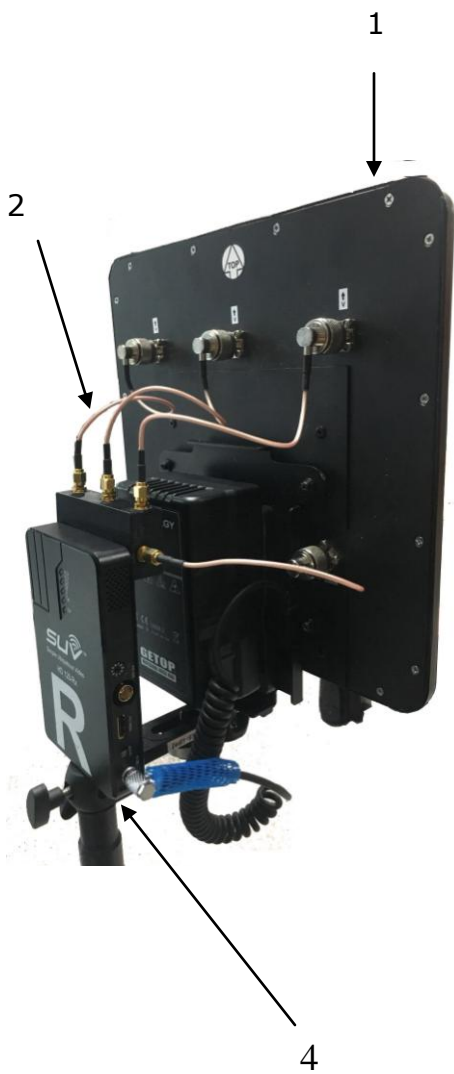


5) 1 x 3/8" to 1/4" screw adapter with reducer bushing

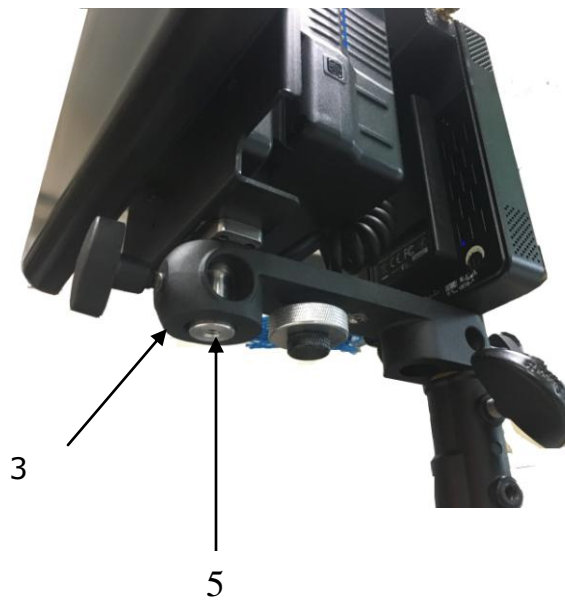


Panel antenna after installation

Panel antenna mounts with HD120-RxE rear side view



Panel antenna mounts with HD120-RxE bottom view on top of the Camera/Umbrella bracket



Optional swivel kit(sold separately):

- 6) A tilting adapter consists of one 3/8" screw and one 3/8" receiver, able to swivel the panel antenna in between fully vertical and completely flat position
- 7) Five N-male right angle to RP-SMA male plug 20 inches RG58 cables
- 8) One 1/4"-3M and 1/4"-3F threads swivel adapter



5). Tilting adapter consists of one 3/8" screw and one 5/8" receiver



6). Five N-male right angle to RP-SMA male plug 20 inches RG58 cables



8) 1/4"-3M and 1/4"-3F threads swivel adapter