



Spec sheet
AW-APG-360

coverage in every direction

apogee360

A phased array platform that delivers expansive, high-performance Wi-Fi coverage with minimal infrastructure. Four 90-degree panels combine for a full circle of coverage from a single mount point.





24 dBi

Receive gain

9 dBi

Transmit gain, FCC-compliant

360 degrees

Beamwidth

Coverage per panel

One of the four 90-degree panels can deliver stream-quality Wi-Fi over roughly 5 acres, depending on environment and application. Operating together, the four panels extend reliable coverage across up to 20 acres.

[apogee 360 product specs](#)

Specifications

Operating frequencies	2.4 GHz, 5.2-5.9 GHz (Wi-Fi 5, Wi-Fi 6)
Transmit gain	9 dBi
Receive gain	24-26 dBi
RF power input	Up to 2 watts
External RF ports	4 SMA male external RF ports
Array sectorization	Up to 4 x 90-degree panels
Polarization	Vertical, horizontal, hybrid
MIMO support	4x4 per panel, or 2x2 per panel, or 2x2 across about 180 degrees
Configuration / management	Apogee Manager (cloud)
Environmental resilience	-40 C to +60 C, IP65 certification
Height, OD, weight	22 in, 12 in, 22 lbs

full-circle phased array

- 4 x 90-degree panels combined for full 360-degree coverage
- Supports 2400-2485 MHz
- Supports 5250-5900 MHz for Wi-Fi 5 and Wi-Fi 6
- Asymmetric Gain: 9 dBi transmit and 24 dBi receive
- Full Beamwidth Gain across each panel

ports and mimo

- 4 SMA male RF ports, single or dual band
- One RJ45 PoE+ Ethernet port
- Configured through Apogee Manager
- 4x4 or 2x2 MIMO per panel
- Endspan or midspan PoE, mode B class 2