

WAI-102PA

10dBi Indoor Tilt/Swivel Patch Antenna

Compact High Gain Antenna

The AirLive WAI-102PA is an ultra compact 10dBi wireless antenna designed for indoor point to point use. The directional characteristic allow the antenna to focus its signal for longer distance. It can deliver up to 4 times the distance of the standard 2dBi antenna. The antenna is equipped with pigtail cable of male R-SMA connector to connect with your AP or PCI WLAN card directly.

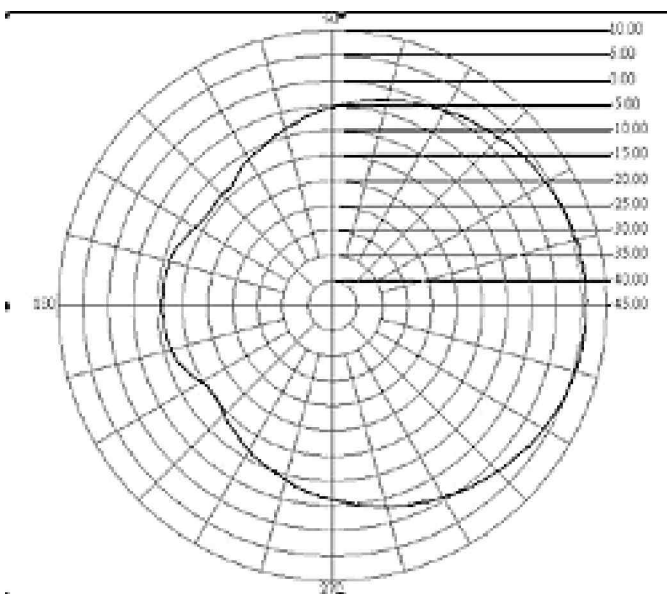


Swivel Desktop or Wall Mount

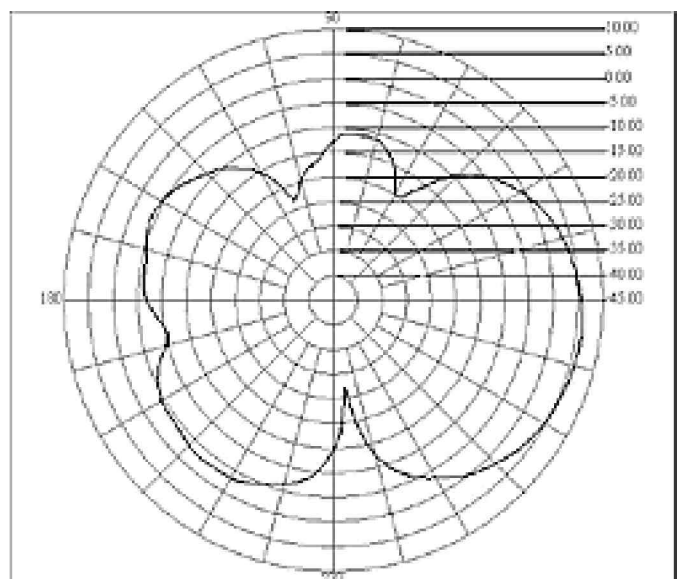
The patch antenna comes in a very compact foldable enclosure that can swivel or tilt for up to 270 degree. When it is in folding form factor, it is only slightly larger than a cigarette box. Therefore, it be carried around easily for travelers. The case can stand on the desktop and it also comes with wall mountable screw holes for wall installation. Users in a community wireless network can connect their card or AP client to the antenna, then face the antenna to the direction of the outdoor AP for extended range. Wired networks on both side of the wireless can use the antenna to extend the range for indoor bridge application.

Radiation Pattern

H-Plane



E-Plane





Specification

Connector type

- Pigtail(RG-178) cable Male R-SMA

Frequency range

- 2.4~2.5GHz

Impedance

- 50 Ohms nominal

VSWR

- 2.0 or smaller

Gain:

- 10dB at zero cable length
- **WAI-102PA-70**: 7.0dB at 70cm RG-178 length.
(Standard, more suitable for desktop installation)
- **WAI-102PA-30**: 8.2dB at 30cm RG-178 length.
(special order, more suitable for nearby AP installation)

Radiation

- 180 degree horizontal and vertical

Polarization

- Linear

Material

- ABS-PC

Temperature:

- Operating: -20 to +70 degree C
- Storage: -30 to +85 degree C

Dimension:

- 100x 65 x 30mm

Ordering Information

WAI-102PA-70 10dBi Indoor Patch Antenna, 70cm cable
WAI-102PA-30 10dBi Indoor Patch Antenna, 30cm cable