



Product Datasheet

EZ-Go-Panel

The EZ-Go-Panel are low cost weatherproof enclosures with integrated high efficiency antenna and accommodations for customer mounting of electronics. They are available in a 2400 to 2485MHz and a 4900 to 6000MHz version. The housing is UV resistant and UL rated with a nice aesthetic appearance and clean lines.

There is enough customer configurable space inside the unit to accommodate the most popular wireless boards available on the market today. With the included QwikClip™ PCB mounting system, radio boards can be mounted without the need to drill any holes.

The bottom cover design allows for quick field disconnect of the CAT5 RJ45 connector so the antenna unit can be removed without disturbing the infrastructure cabling. The full, closed cell, EPDM internal gasket seals around the cables and helps to keep out dust and insects.

The corrosion resistant tilt bracket system accommodates pole or wall mounting. The unit has a facility for an external antenna connector which can be mounted in the bottom cover. The cover has knockout patterns for SMA and N Type.



FEATURES	BENEFITS
High Efficiency Antennas	Better performance, Longer distance
Wide Band 5GHz Antenna	Need only 1 antenna to cover 4.9 to 6GHz range. Ability to change bands remotely.
QwikClip PCB holding system	No Drilling, Quick assembly even in field
Field Disconnect RJ45	Remove antenna without disturbing infrastructure cabling
Universal Mount	Wall or Pole mount for ultimate versatility
Thumbscrew Mount Hardware	Very Fast Installation – Less time



Qwick Snap on cover with RJ45 Feed-through



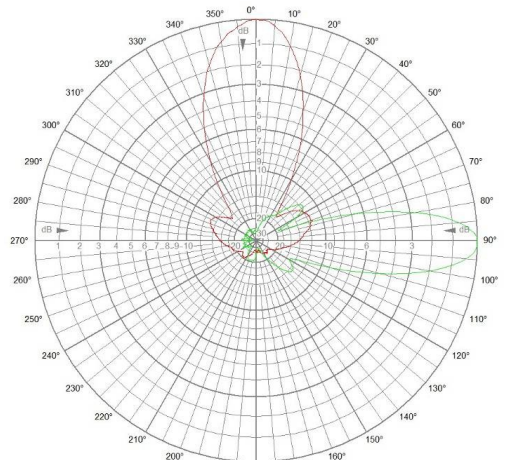
QwikClip™ technology for PCB



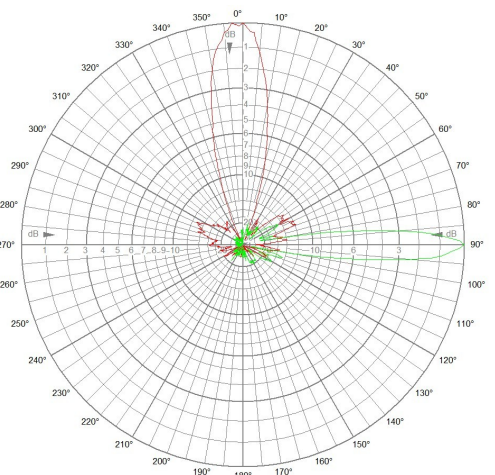
Simple & Functional Design

TECHNICAL SPECIFICATIONS

	2.4 GHz Model	5 GHz Model
Operating Frequency	2400-2485 Mhz	4900-6000 Mhz
Gain	14 dBi	19 dBi
VSWR	1.5:1	1.5:1
Polarity	Vertical	Vertical
Azimuth Beamwidth	35°	21°
Elevation Beamwidth	25°	10°
Front to Back	>20dB	>23dB
Antenna Connector Type	SMA Female	
Elevation Tilt	+/- 35°	
Mounting	Pole or Wall Mount	
Pole Size	25mm to 54mm (1" to 2")	
Space for customer electronics	152mm x 140mm x 31.75mm (6" x 5.5" x 1.25")	
Outside Dimensions	314mm x 187mm x 65mm (12.4" x 7.3" x 2.5")	
Weight	0.9 kg (2 lbs)	
Operating Temperature	-30°C to 50°C (-22°F to 122°F)	
Storage Temperature	-40°C to 70°C (-40°F to 158°F)	



EZGO-0214 14dBi Antenna Pattern



EZGO-0519 19dBi Antenna Pattern

Notes:

- All shipments F.O.B. Draper, UT 84020
- EZ-Go-Panel carries a 1 year warranty



System Ordering:

- EZGO-0214-PNL** : 2.4GHz High Efficiency 14dBi Antenna Enclosure
EZGO-0519-PNL : 5.xGHz High Efficiency 19dBi Antenna Enclosure



Accessories:

- EZPS18V** : Wall Plug 18V 0.8A Switching Autoranging Power Supply
EZPOE-INJ-001 : POE Inserter
EZPOE-INJ-002 : POE Inserter with power on LED and Current Indicator
EZRAMMCX2RASMA25: Right Angle SMA to MMCX Pigtail, 25cm
EZUFL2RASMA25 : Right Angle SMA to UFL Pigtail, 25cm

