



WIRT24-14

The panel antenna is developed to allow integration of the customers' radio equipment inside the weatherproof compartment. The radio compartment is big enough to house transceivers, amplifiers, and other electronic equipment. Two sizes are available, our regular size and a new lower-profile size. The antenna design utilizes a suspended wire element over a solid 8.5" square backplane for more consistent performance over temperature and humidity conditions. The housing is UV stabilized ABS plastic. The backplate is alodine coated aluminum with stainless steel fasteners. All bracket fasteners are stainless steel for corrosion protection.

## APPLICATIONS

Integrated Radio/Antenna Units  
 Amplified Antennas  
 WISP CPE Equipment  
 802.11b/g Applications

## SPECIFICATIONS

<b>Weight</b>	1.8 lbs (0.8 kg)
<b>Input Return Loss</b>	-14 dB
<b>Antenna Frequency Range</b>	2400-2485 MHz
<b>Gain</b>	14 dBi
<b>Beamwidth</b>	HPOL 36 degrees ; EPOL 35 degrees
<b>Polarization</b>	Horizontal or Vertical
<b>VSWR</b>	≤ 1.5 : 1
<b>Maximum Input Power</b>	20 W
<b>Impedance</b>	50 Ohms

## INTEGRATED ANTENNA PATTERNS

