

Here is the information about our 4GAS PARABOLIC GRID ANTENNA:

The public model number is: **P100-GRID** (this is the first model of this modem line)

The modem was designed and created by **4G ANTENNA SHOP INC.** and is manufactured in USA.

The antenna specs are below:

Launch date:

Announced July 2017, Released to the public on August 2017

Antenna Description:

The 4GAS Brand **P100-GRID** antenna is a high gain high performance grid antenna for use in LTE, 3G, PCS, GSM and other B2 1900 MHz (1.9 GHz) applications and B4 1700/2100 MHz (1.7/2.1 GHz) applications. The **P100-GRID** construction features a die cast aluminum reflector grid for superior strength and light weight. This antenna's 2-piece reflector grid is simple to assemble and significantly reduces shipping costs. The grid surface is UV powder coated for durability and aesthetics. The open-frame grid design minimizes wind loading. This antenna is supplied with a tilt and swivel mast mounting kit. This allows installation at various degrees of incline for easy alignment. It can be adjusted up or down from 0° to 20°. It can be mounted to a 1.57" (40mm) to 2" (50mm) diameter mast.

WWAN Network Coverage:

LTE Channel Coverage:

B2 1900 MHz – Up to 21db Gain

B4 1700/2100MHz – Up to 21db Gain

B12 700A 700MHz /B13 700MHz/B17 700C 700MHz – Up to 12db Gain

LTE MIMO Capable with a dual antenna setup.

(TMO, ATT, VERIZON Capable)

Mechanical details:

Connector: Integral N-Female (N-Male to F-Female adapter included)

Dimensions: 23.6 x 39.1 in

Weight: 4.23 lbs

Case Build: Die Cast Aluminum

Operating Temperature: -40° C to 85° C (-40° F to 185° F)

RoHS Compliant: YES

Mounting: Mounting

Power supply details:

Power Requirements: Does not require any external power.

Lightning Protection: Built in - DC Short

Wind loading data:

Survivable up to 140 MPH

Included equipment w/ antenna:

Install manual

N-Male / SMA Adapters

Mounting Bracket Kit

Mounting Pole NOT INCLUDED

Average users install difficulty:

Minimal install experience for assembly of GRID

Additional Information:

Horizontal Beam Width: 8°

Vertical Beam Width: 13°

VSWR (Typical): 1.5 or less

F/B Ratio: ≥ 25 dB

Input Impedance: 63Ohm

Next version update:

Model number **P400-GRID** Announced August 2017, Intends to be released to the public on December 2017 will have the following updates: Higher gain B12/B13/B17 700 Mhz support



Mounting diagram

