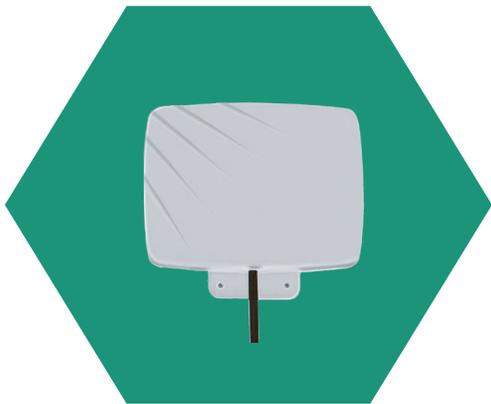


Weimaraner PRO Series



- MIMO WIFI
- IP54 RATED

- DUAL BAND WIFI
- HIGH EFFICIENCY
- HIGH PERFORMANCE
- WIFI 6

Ideal for:

- High-Performance WiFi
- Fast WiFi Speeds
- Large WiFi Coverage Area



Product Description

The Weimaraner PRO Series antennas are MIMO WiFi antennas for wall mounting. The antennas are perfect for indoor, but may be pole-mounted outdoor. The Weimaraner Series work well for high-performance WiFi, fast WiFi speeds, and large WiFi coverage areas.

The Weimaraner MIMO WiFi antennas offer both high-band and low-band coverage (dual band), and high-performance MIMO WiFi coverage both inside or outside of buildings.

Patent pending.



Frequency Ranges

WiFi Frequency Range

- 2400 – 2483.5 MHz
- 4900 – 5900 MHz

Electrical Specifications

ID	Port	Parameters	Units	Typ.
Radiated Efficiency	WiFi-1,2	2400 – 2483.5 MHz	%	80
	WiFi-1,2	4900 – 5900 MHz		75
Peak Gain	WiFi-1,2	2400 – 2483.5 MHz	dBi	4
	WiFi-1,2	4900 – 5900 MHz		8
Return Loss (50 Ω)	WiFi-1,2	2400 – 2483.5 MHz	dB	12
	WiFi-1,2	4900 – 5900 MHz		10
Isolation	WiFi-1,2	2400 – 2483.5 MHz	dB	17
	WiFi-1,2	4900 – 5900 MHz		22
Polarization	WiFi			Linear
Max Input Power	WiFi		Watts	5
RF Connector	WiFi			RP-SMA
RF Cable Type	WiFi			LMR200
Notes:				
1. Isolation does not include cable loss				
2. Performance will be degraded if the antenna is mounted close to wiring or metal wall studs				

Product Dimensions

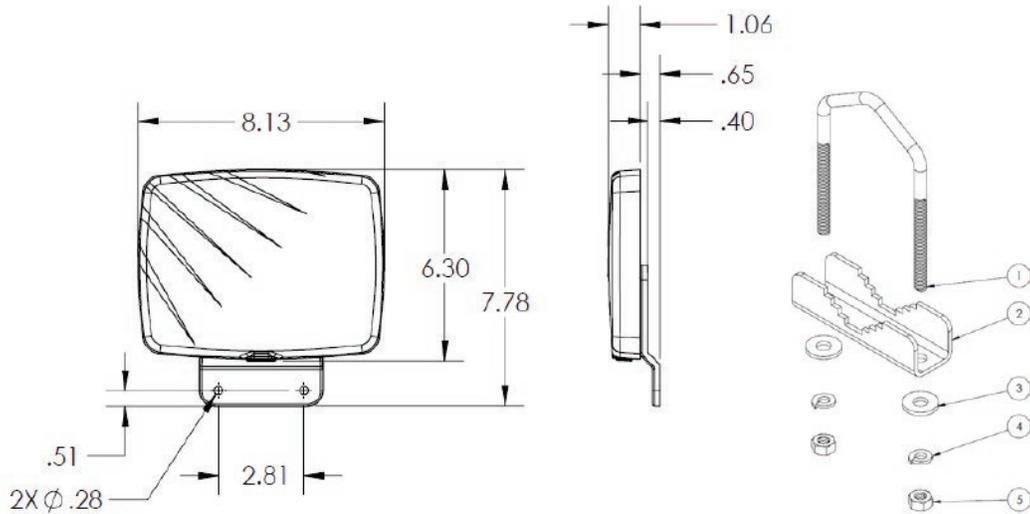


Figure 1. Product Dimensions and Optional Pole Mount

Electrical Specifications (Continued)

Mechanical

Dimensions	8.13 inch width x 6.3 inch height x 1.06 inch thickness excluding bracket
Mounting	Bracket with screws to a non-metallic surface Optional pole mount for 1.25 – 2.25 inch mast diameter

Notes:

- Optional pole mount consists of a V-bolt, saddle clamp, and related hardware

Environmental

Operating Temperature	-40°C to 85°C
Ingress Protection	IP54 outdoor

Ordering

Standard Antenna Part Numbers

Configurations	Part Number	Description
2:1	PTAWM2W15W	2 WIFI, 15ft cable, White, SMA (M)

Non-Standard Antenna Part Numbers

Configurations	Part Number	Description
2:1	PTAWM2W01W	2 WIFI, 1ft cable, White, SMA (M)
	PTAWM2W01W-NF	2 WIFI, 1ft cable, White, N type Female

Part Number Key

Part number example of a 2:1 Weimaraner antenna:

PTAWM2W15W

Description	Abbreviation	Part Number
All PTA Series	PTA	PTA
Antenna abbreviation for Weimaraner	WM	PTAWM
Number of antennas in housing/configuration	2:1	PTAWM2
Number of WiFi Elements	# W	PTAWM2W
Cable length measured in feet: 01 = 1', 15 = 15'	01, 15, etc,	PTAWM2W15
Radome Color -W for White	W	PTAWM2W15W