



## 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



\*See inside for details

## 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

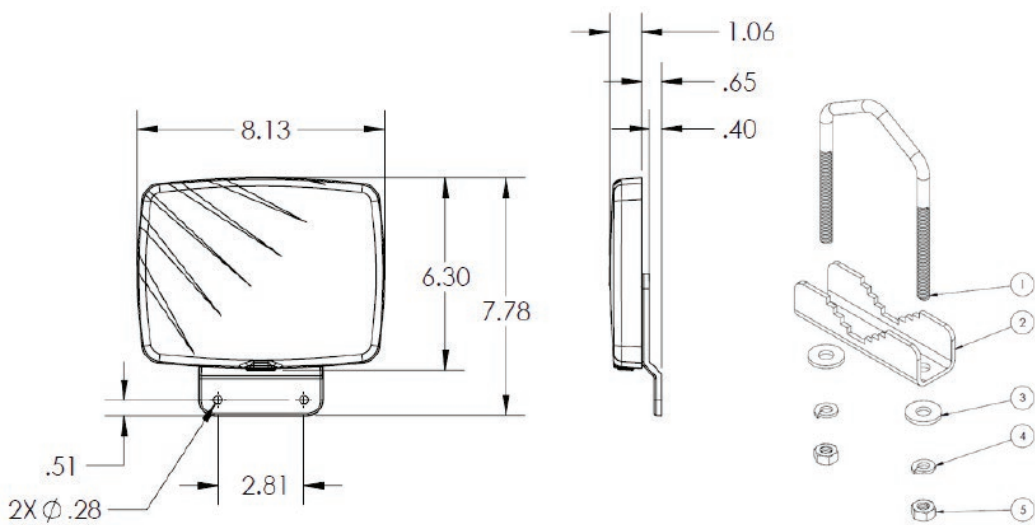


Figure 1. Product Dimensions and Optional Pole Mount

# Electrical Specifications

(Continued)

## Mechanical

Dimensions	8.13 inch width x 6.3 inch height x 1.06 inch thickness excluding bracket
	Bracket with screws to a non-metallic surface
Mounting	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