



The Springer Spaniel 5G fixed antenna is Parsec's first tamper proof solution designed to protect your network. With up to 5:1 configuration, the Springer Spaniel can improve performance by limiting cable length and using RightPath Signal Technology™ to properly space and deploy antenna elements for maximum router performance. Cellular, Wi-Fi, and GPS antenna elements are embedded into the top while the router is installed below in the secured enclosure. This eliminates the issue of internal or external network risks to help protect your employees, your business, and your assets from connectivity interruptions.

Patent Pending

Configurations 2:1 | 4:1 | 5:1

Primary & Failover | Retail | Video Surveillance



ZERO TOUCH™
SECURE WIRELESS NETWORK



Tamper Proof

Protected Assets & Network

Improved Performance

RightPath Signal Technology™

Subtle Design

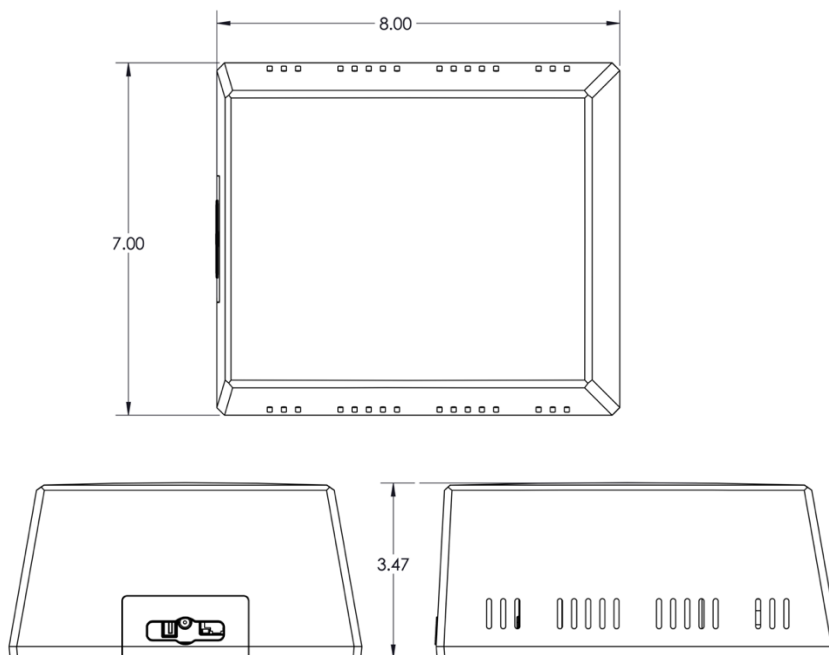
Compact Size to Blend In

- 2X2 MIMO CELLULAR
- 2X2 MIMO Wi-Fi
- GPS
- OMNI-DIRECTIONAL
- 600 MHz – 6 GHz
- 8 in X 7 in X 3.47 in

Specifications

Frequencies			
4G/5G Cellular	617-894 MHz 1710-2700 MHz 3400-4000 MHz 5150-5925 MHz	Wi-Fi	2400-2483.5 MHz 4900-5900 MHz
4G/5G Bands			
North America	B2, B4, B5, B7, B12, B14, B17, B25, B26, B29, B30, B41, B46, B48, B66, B71 n2, n5, n12, n25, n26, n41, n48, n66, n71, n77		
EMEA	B1, B3, B7, B20, B28, B42, B43, B46 n1, n3, n28, n77, n78		
Mechanical		Environmental	
Dimensions	8 inch X 7 inch X 3.47 inch	Operating Temperature	-30 °C to 85°C OR -22 °F to 180°F
Mounting	Table Top	Ingress Protection	IP54 Indoor
Compatible Routers	S700 IBR900 IBR600 R500 MAX BR1 Pro 5G		

Dimensions



Product Images



Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	CELL 1 thru 2	617-698 MHz	75
	CELL 1 thru 2	698-894 MHz	80
	CELL 1 thru 2	1710-2200 MHz	80
	CELL 1 thru 2	2200-2700 MHz	75
	CELL 1 thru 2	3400-4000 MHz	75
	CELL 1 thru 2	5150-5925 MHz	70
	Wi-Fi 1 thru 2	2400-2438.5 MHz	70
	Wi-Fi 1 thru 2	4900-5900 MHz	70
Peak Gain (dBi)	CELL 1 thru 2	617-698 MHz	1.5
	CELL 1 thru 2	698-894 MHz	2.5
	CELL 1 thru 2	1710-2200 MHz	5
	CELL 1 thru 2	2200-2700 MHz	5.5
	CELL 1 thru 2	3400-4000 MHz	6
	CELL 1 thru 2	5150-5925 MHz	6
	Wi-Fi 1 thru 2	2400-2438.5 MHz	3
	Wi-Fi 1 thru 2	4900-5900 MHz	6

Return Loss 50Ω (dB)	CELL 1 thru 2	617-698 MHz	8
	CELL 1 thru 2	698-894 MHz	11
	CELL 1 thru 2	1710-2200 MHz	10
	CELL 1 thru 2	2200-2700 MHz	7
	CELL 1 thru 2	3300-4000 MHz	7
	Wi-Fi 1 thru 2	5150-5925 MHz	5
	Wi-Fi 1 thru 2	2400-2438.5 MHz	9
		4900-5900 MHz	8
Isolation (dB)	CELL	617-798 MHz	8
	CELL	798-894 MHz	9
	CELL	1710-2200 MHz	19
	CELL	2200-2700 MHz	18
	CELL	3300-4000 MHz	25
	CELL	5150-5925 MHz	35
	Wi-Fi	2400-2483.5 MHz	19
	Wi-Fi	4900-5900 MHz	20
Polarization (dBi)	CELL, Wi-Fi		Linear
Max Input Power (Watts)	CELL, Wi-Fi		5
RF Connectors	CELL		SMA(M)
	Wi-Fi		RP-SMA
RF Cable Type	CELL, Wi-Fi		RG-316
	GPS		LSR100
- Isolation, return loss, and peak gain does not include cable loss. - Performance will be degraded if the antenna is mounted close to wiring or metal wall studs. - SMA connectors have a max torque of 3-5 inch lbs.			

GNSS Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Antenna + Preamp Gain (dBic)	GPS	1570-1581 MHz	33
Polarization	GPS		RHCP
Filter Rejection (dB)	GPS	1625 MHz	12
GNSS Preamp Voltage (mA)	GPS		2.2 to 5
GNSS Preamp Current (mA)	GPS		5 to 15
RF Connector	GPS		SMA(M)
RF Cable Type	GPS		LSR100

Part Number Key

Part number example of a 5:1 Springer Spaniel antenna, White: PRO5SS2L2WGW

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of Antennas in Housing/Configuration	5:1	PRO5
Antenna Abbreviation for Springer Spaniel	SS	PRO5SS
Number of CELL Elements	#L	PRO5SS2L
Number of Wi-Fi Elements	#W	PRO5SS2L2W
Number of GPS Elements (usually only 1 GPS per antenna, therefore we simply list G and no number)	G	PRO5SS2L2WG
Radome Color - W for White	W	PRO5SS2L2WGW
SMA connector, simply leave blank		PRO5SS2L2WGW

Ordering

Standard Antennas

Configurations	Part Number	Description
2:1	PRO2SS2LW	2 Cellular, White
4:1	PRO4SS2L2WW	2 Cellular, 2 Wi-Fi, White
5:1	PRO5SS2L2WGW	2 Cellular, 2 Wi-Fi, GPS, White

Additional Hardware Accessories

Accessory	Part Number
SMA Wrench, Key Chain	PTA0194



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