



# Patriot up to 18-in-1 High-Performance Super Compact Combination Antenna

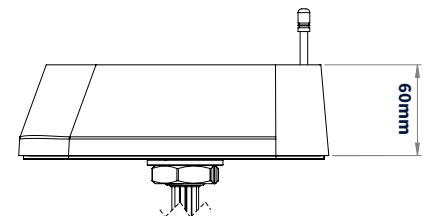
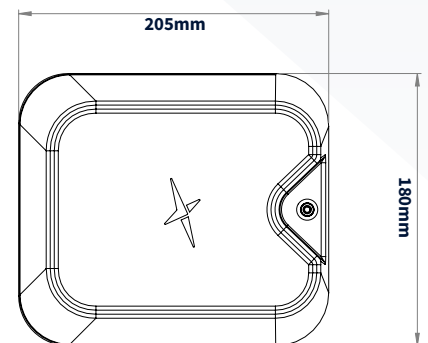


## Patriot Series

The **Patriot Series** is a cutting-edge, multi-combination antenna engineered specifically for the Ford Interceptor vehicle, the most widely used police vehicle in the U.S. Designed to eliminate the need for multiple antennas, it offers up to 18-in-1 connectivity, including 5G,/4G, GNSS (L1 & L1/L5), Wi-Fi®, SDRAS and LMR/TETRA, ensuring optimal performance for first responders and fleet vehicles. It is compact, low-profile design allows for seamless integration onto vehicle roofs, utilizing existing OEM mounting connections to simplify installation.

The **Patriot Series** guarantees enhanced signal strength and with its rugged IK08 and IP69K rated enclosure, and ability to mount behind the roof ribs, this next-generation antenna delivers superior durability, reliability, and efficiency, making it one of the most versatile and compact solutions available today. With a small footprint of (L)205mm x (W)180mm and a whip height of up to 164mm\*, the **Compact Design** of the Patriot ensures a low-profile, unobtrusive installation.

\* Whip lengths vary depending on frequency required



Available in Black and White as standard, others available upon request

### Features and Benefits



**Designed for Law Enforcement & First Responder Vehicles:** Specifically built for the Ford Interceptor Vehicle, the compact and rugged design of the Patriot fits within strict height restrictions and meets first responder vehicle requirements.



**Unique Multi-Function Antenna Integration:** Supports 2x multi-band GNSS for precise tracking and offers up to 17-in-1 connectivity options, including 5G, 4G, GNSS, and Wi-Fi®, eliminating the need for antenna farms on the roof.



**Superior Installation and Integration:** Utilizes existing OEM antenna mounting and rubber gasket for secure, interference-free installation between roof ribs.



**Outstanding Design:** Enhancing aesthetics and reducing wind resistance, with an IK08 / IP69K rated waterproof enclosure, proving to be one of the most compact and versatile combination antennas in its category.

### Specifications:

<b>Antenna:</b>	<b>5G/4G Cellular:</b>	600-6000 MHz	
	<b>Wi-Fi®:</b>	2.4 GHz, 5.8 GHz, 7.1 GHz	
	<b>GNSS:</b>	L1/L5 Multiband	
	<b>SDARS:</b>	2.3 GHz	
	<b>LMR:</b>	380 - 400 MHz, 700 - 900 MHz	
<b>Dimensions:</b>	<b>Height:</b>	<b>Length:</b>	<b>Width:</b>
	60 mm	205 mm	180 mm
	2.36"	8.07"	7.09"

Taoglas makes no warranties based on the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and product descriptions at any time without notice. Taoglas reserves all rights to this document and the information contained herein. Reproduction, use or disclosure to third parties without express permission is strictly prohibited.



View our full range of high-performance external vehicle antennas at [taoglas.com](https://taoglas.com)

# Patriot up to 18-in-1 High-Performance Super Compact Combination Antenna

## Versatile Product Series Configurations

### Part Number Breakdown

PATR	SP or FP	18 or 17	B or W	5M or 0.3M
Product series name	Connector Type	Number of Antennas	Colour Housing	Cable Length
PATR: Patriot	SP: SMA predominant	18: 18-in-1	B: Black	5M: 5 meter cable
	FP: FAKRA predominant	17: 17-in-1	W: White	0.3M: Pigtail cables

#### Example:

**PATR.SP.18.B.0.3M**

**Patriot.SMA Connector Type.18-in-1 with LMR Whip.Black.Pigtail cable**

### Product Configurations\*

<b>PATR.SP.18.B.0.3M</b>	18-in-1 Permanent Mount Black Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*SDARS, 1*LMR Whip With SMA/RP-SMA/Quad FAKRA Code E and Code D Connector and Staggered RG-174/TGC-1.5DS Pigtail Cables
<b>PATR.SP.18.W.0.3M</b>	18-in-1 Permanent Mount White Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*SDARS, 1*LMR Whip With SMA/RP-SMA/Quad FAKRA Code E and Code D Connector and Staggered RG-174/TGC-1.5DS Pigtail Cables
<b>PATR.SP.17.B.0.3M</b>	17-in-1 Permanent Mount Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*LMR Whip With SMA/RP-SMA/Dual FAKRA Code C Connector and Staggered RG-174/TGC-1.5DS Pigtail Cables
<b>PATR.SP.17.W.0.3M</b>	17-in-1 Permanent Mount White Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*LMR Whip With SMA/RP-SMA/Dual FAKRA Code C Connector and Staggered RG-174/TGC-1.5DS Pigtail Cables
<b>PATR.SP.18.B.5M</b>	18-in-1 Permanent Mount Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*SDARS, 1*LMR Whip With SMA/RP-SMA/Quad FAKRA Code E and Code D Connector and 5M RG-174/TGC-200 Cables
<b>PATR.SP.18.W.5M</b>	18-in-1 Permanent Mount White Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*SDARS, 1*LMR Whip With SMA/RP-SMA/Quad FAKRA Code E and Code D Connector and 5M RG-174/TGC-200 Cables
<b>PATR.SP.17.B.5M</b>	17-in-1 Permanent Mount Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*LMR Whip With SMA/RP-SMA/Dual FAKRA Code C Connector and 5M RG-174/TGC-200 Cables
<b>PATR.SP.17.W.5M</b>	17-in-1 Permanent Mount White Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*LMR Whip With SMA/RP-SMA/Dual FAKRA Code C Connector and 5M RG-174/TGC-200 Cables
<b>PATR.FP.18.B.5M</b>	18-in-1 Permanent Mount Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*SDARS, 1*LMR Whip With FAKRA Code C/D/I/Quad FAKRA Code E and Code D Connector and 5M RG-174/TGC-200 Cables
<b>PATR.FP.18.W.5M</b>	18-in-1 Permanent Mount White Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*SDARS, 1*LMR Whip With FAKRA Code C/D/I/Quad FAKRA Code E and Code D Connector and 5M RG-174/TGC-200 Cables
<b>PATR.FP.17.B.5M</b>	17-in-1 Permanent Mount Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*LMR Whip With FAKRA Code C/D/I/Dual FAKRA Code C Connector and 5M RG-174/TGC-200 Cables
<b>PATR.FP.17.W.5M</b>	17-in-1 Permanent Mount White Antenna 2*GNSS, 9*5G/4G, 5*Wi-Fi, 1*LMR Whip With FAKRA Code C/D/I/Dual FAKRA Code C Connector and 5M RG-174/TGC-200 Cables

\*Other configurations available upon request

Taoglas makes no warranties based on the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and product descriptions at any time without notice. Taoglas reserves all rights to this document and the information contained herein. Reproduction, use or disclosure to third parties without express permission is strictly prohibited.

Ireland & USA  
ISO 9001:2015  
Certified



Taiwan  
ISO 9001:2015  
Certified



View our full range of high-performance external vehicle antennas at [taoglas.com](https://taoglas.com)