

Rugged Rajant Cardinal AG1 IP68



Part Number

NWT-CA-AG1-NF-GPS

Product Description

Engineered for extreme environments, this rugged enclosure is purpose-built to house the Rajant Cardinal AG1, ensuring reliable performance in demanding industrial, mining, and outdoor deployments. IP67-rated, it provides complete protection against dust and water ingress, making it ideal for harsh conditions. Perfect for mining, military, transportation, and industrial automation.

FEATURES

Rugged Construction	Precision-milled from solid billet aluminum and anodized for superior environmental resistance.
Seamless Connectivity	Equipped with (4) N-female coax connectors, an integrated GPS, M8 USB port, and M12 X-Coded Ethernet for robust network integration.
Versatile Power Options	Supports active 802.3at or passive 48V PoE, with an efficient 15W power draw for optimal performance.
LED Status Indicator	Provides clear visual feedback on boot-up, power, and operating states.
Built for Harsh Environments	Designed to withstand extreme temperatures and moisture, ensuring continuous operation in industrial and remote settings.
Flexible Mounting Options	Supports our Universal Machine Mount or Din-Rail Mount Kits
Made in the USA	Proudly manufactured and assembled in the United States for quality assurance and durability.
2x2 MIMO 802.11 AC Wave2 Radios	(1) Dual-band 2.4/5 GHz, 2x2 MIMO transceiver, and (1) 5 GHz, 2x2 MIMO transceiver.
Max RF TX Power	25 dBm combined
Power Consumption	5W (average, idle), 15W maximum
Certification	FCC, IC, CE, Japan, South Africa, Australia
Warranty	1 year

TEMPERATURE RANGE

Temperature	Ambient/surrounding (operating) -40C to 60C
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MECHANICAL CHARACTERISTICS

Dimension	Overall dimensions: 7.04" x 6.30" x 2.23" (including connectors, with 4.33" connector spacing)
Weight	3lb 14oz

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