

AIROLINX-GOMAX-KIT-IP67-T

OUTDOOR IP67 PRECONFIGURED 5GHz POINT-TO-POINT BRIDGE KIT WITH INTEGRATED 19dBi PANEL ANTENNA

FEATURES

- Preconfigured PtP Kit (2 units) Ships Pre-Paired for Plug-and-Play Deployment
- Transparent Layer 2 Bridge Operation (No Management IP Required to Pass Traffic)
- Integrated 5GHz Dual-Chain Radio (2x2) with Wireless Speed Up to 2400Mbps
- Airolinx Go Studio software for Discovery, First-Run Security, RF Optimization, Alignment, and Link Test Reporting
- Integrated 19dBi Panel Antenna up to 6+ miles
- Active 802.3at PoE Input
- Rugged IP67 Enclosure for Permanent Outdoor Installation
- Video-Grade Range 1.5-4 miles (2.4-6.5 km) Line-of-Sight for Consistent Higher Throughput *depends on country regulations*
- Longer distance will result in lower throughput
- Operating Temperature: -40°C to 75°C (-40°F to 167°F)
- 5-Year Warranty
- Add optional **AIROLINX-GOMAX-BASE-IP67-T** High-Speed Base Unit to create Point-to-Multipoint (PtMP) networks
- Add additional **AIROLINX-GOMAX-KIT-IP67-T** Preconfigured Kits to expand wireless network



INTRODUCTION

Antaira Technologies' Airolinx Go MAX is an outdoor, IP67-rated, preconfigured wireless bridge kit purpose-built for Security and Intelligent Transportation Systems (ITS) deployments where fast installation, predictable performance, and low total cost are important. Each kit ships as a matched pair (CONNECT / LISTEN) that establishes a secure point-to-point link out of the box - mount, power, align, deploy.

Airolinx Go Studio is the primary differentiator, providing Layer 2 discovery and commissioning workflows that work even when devices ship without a management IP. Installers can validate links, optimize channel selection, align antennas with real-time feedback, and generate link test reports for close-out documentation.

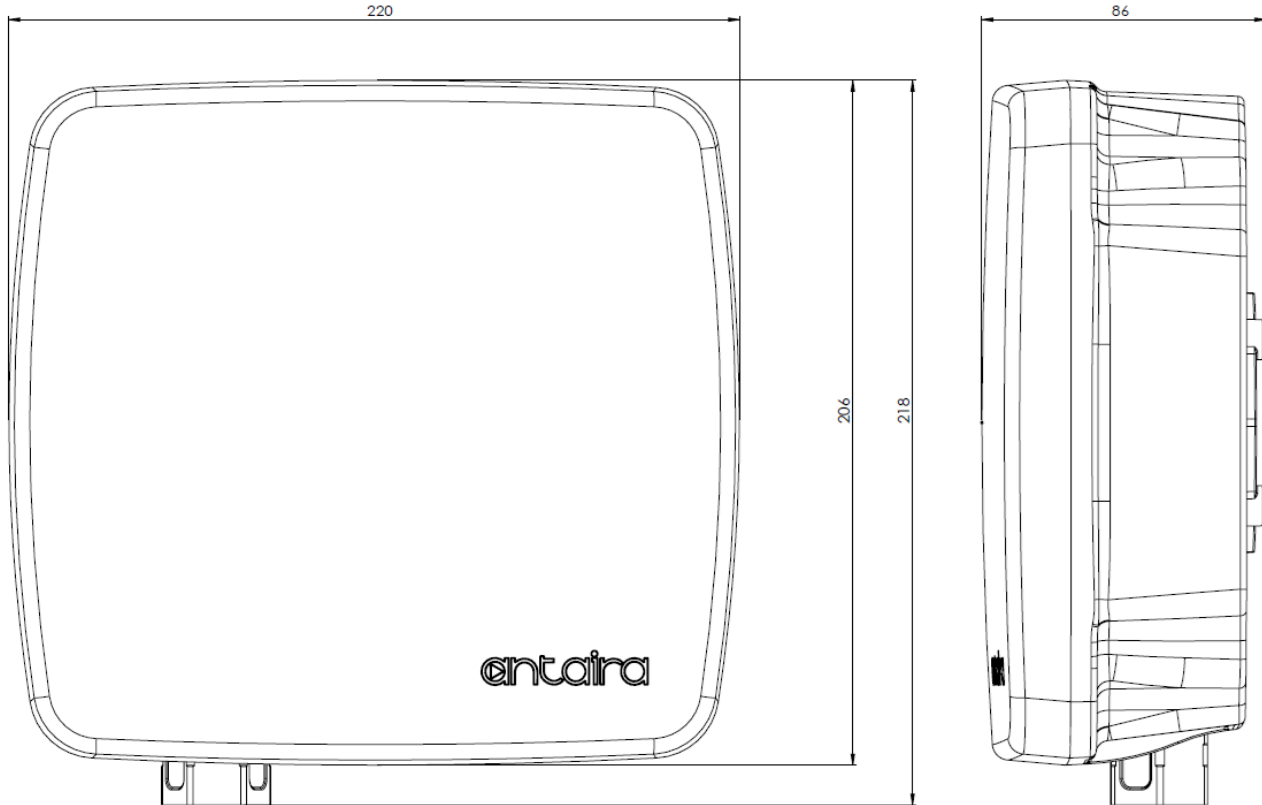
APPLICATIONS

- **Security:** IP surveillance camera backhaul, gate/entry systems, perimeter coverage, temporary event deployments
- **ITS:** Intersection-to-intersection backhaul, roadside cabinet connectivity, temporary construction-zone links

AIROLINX GO STUDIO (SOFTWARE)

- Layer-2 discovery and device identification
- Mandatory first-run security workflow: Enforce default password change via MAC access
- Commissioning wizard for PtP kits (and optional PtMP workflows)
- Quick RF Optimizer: Explainable channel scoring with safe apply/rollback
- Antenna Alignment: Real-time RSSI/SNR with optional audible tone feedback
- Link Test: Ping and throughput with exportable HTML/PDF report

DIMENSIONS



SPECIFICATIONS

Hardware Specifications

CPU	Dual-core 800 MHz ARM CPU	PoE Input	Active PoE-In*
Memory	256 MB RAM	Input Voltage	48V 802.3at PoE
Storage	128 MB NAND	DC Inputs	PoE-In
Ethernet	1*10/100/1000BASE-T RJ45	Max Power Consumption	15W
Wireless	5 GHz 802.11a/n/ac/ax, 2 chains (2x2), Wi-Fi 6	Wind Survivability	125 mph (200 Kph)
Wireless Max Data Rate	2400 Mbit/s	Operating Temperature	-40°C to 75°C (-40°F to 167°F)
Transmit Power	Up to 28 dBm (rate-dependent)	*Each radio requires an optional PoE Device (PSE) to power the unit	
Receive Sensitivity	As low as -96 dBm (rate-dependent)		

Physical Specifications

Part Number	Dimensions (W x H x D)	Weight (Unit)	Weight (Shipping)	Mounting	IP Rating	LED Indicators
AIROLINX-GOMAX-BASE-IP67-T	220 x 218 x 86mm 8.66 x 8.58 x 3.39in	0.86kg 1.9lbs	3.85kg 8.5lbs	Pole, Wall	IP67	Link, Activity, System, Signal Strength (x5)

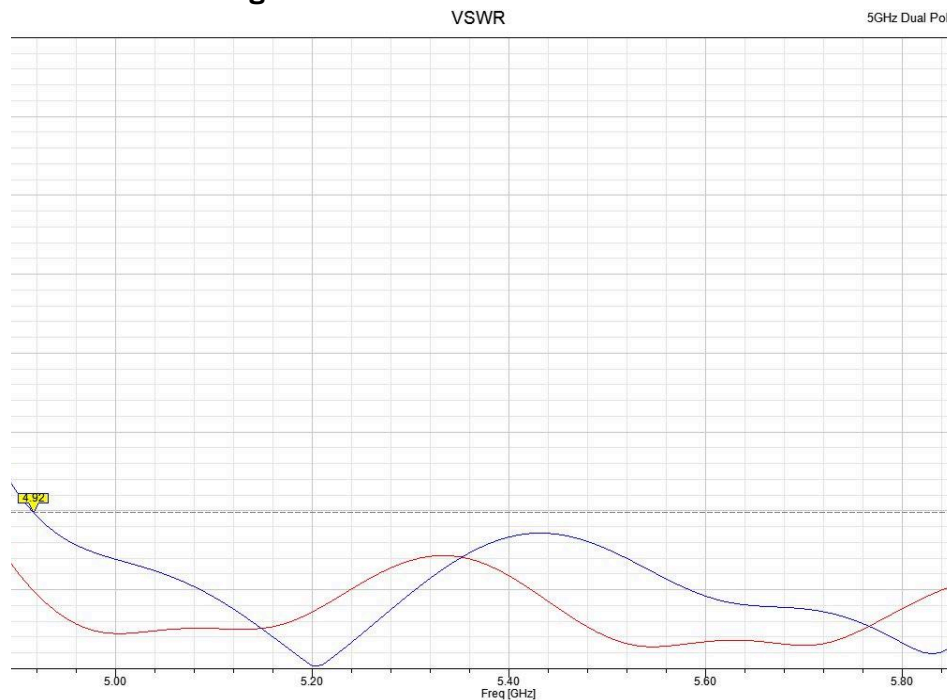
Compliance Specifications

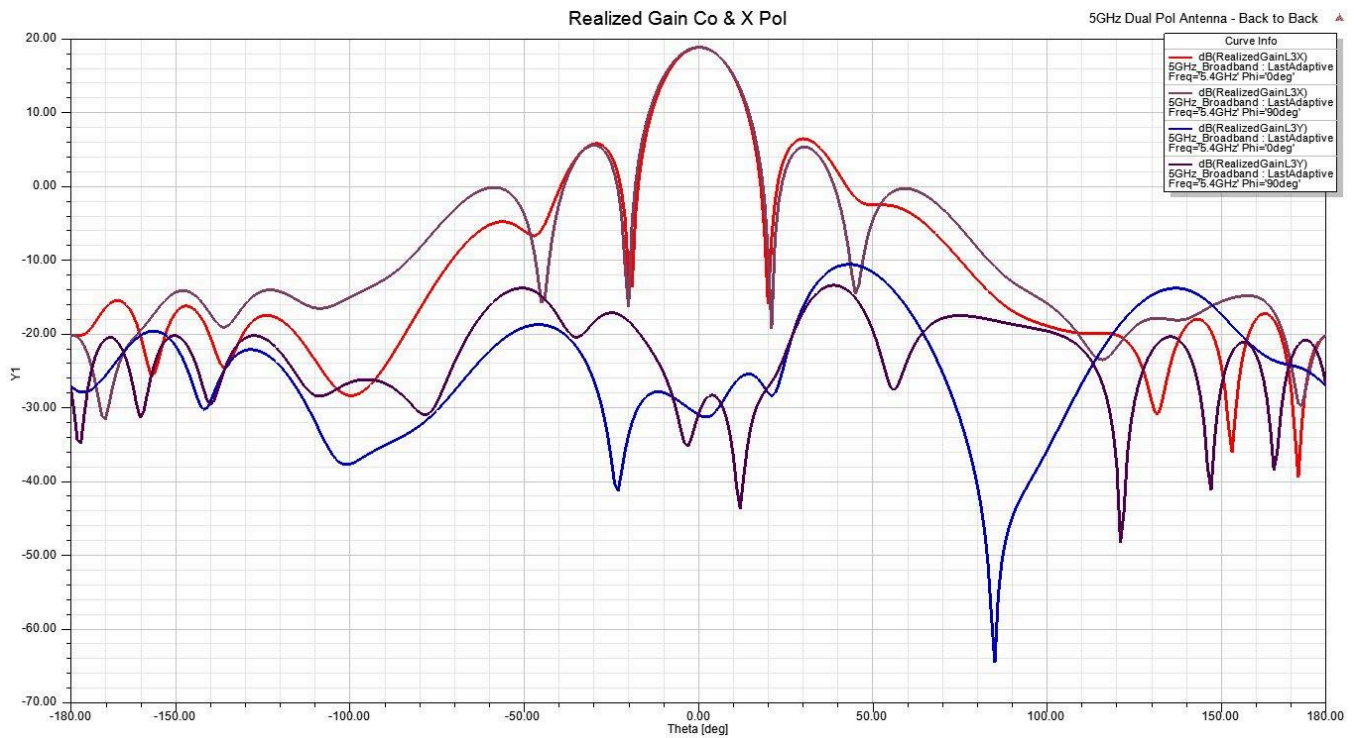
Certifications	CE, FCC, IC, EAC, RoHS Compliance
Warranty	5 Years
Country of Origin	Made in Poland

Antenna Specifications

Specifications	Integrated 2x2 Directional Panel Antenna
Frequency Range	5.1-5.9GHz
Gain	2x19dBi
Polarization	Horizontal and Vertical Linear
Beamwidth (H)	18° @ -3dB
Beamwidth (V)	18° @ -3dB
VSWR	<2
Impedance	50 ohm

Integrated 2x2 Directional Panel Antenna





SUPPORTED COUNTRIES AND TERRITORIES

AIROLINX-GOMAX-BASE-IP67-T

Canada	United States	United States Minor Outlying Islands
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AIROLINX-GOMAX-BASE-IP67-T-ROW

Afghanistan	Aland Islands	Albania
Algeria	American Samoa	Andorra
Anguilla	Antigua and Barbuda	Argentina
Armenia	Aruba	Australia
Austria	Azerbaijan	Bahamas
Bahrain	Bangladesh	Barbados
Belarus	Belgium	Belize
Bermuda	Bhutan	Bolivia
Bosnia and Herzegovina	Brazil	British Virgin Islands
Brunei Darussalam	Bulgaria	Burkina Faso
Cambodia	Cameroon	Cayman Islands
Central Africa Republic	Chad	Chile
China	Christmas Island	Colombia
Cook Islands	Costa Rica	Croatia
Cyprus	Czech Republic	Denmark
Dominica	Dominican Republic	Ecuador

Egypt	El Salvador	Estonia
Ethiopia	Falkland Islands	Faroe Islands
Finland	France	French Guiana
French Polynesia	French Southern Territories	Georgia
Germany	Ghana	Gibraltar
Greece	Greenland	Grenada
Guadeloupe	Guam	Guatemala
Guernsey	Guyana	Haiti
Heard Island and McDonald Islands	Holy See	Honduras
Hong Kong	Hungary	Iceland
India	Indonesia	Iraq
Ireland	Isle of Man	Israel
Italy	Ivory Coast	Jamaica
Japan	Jersey	Jordan
Kazakhstan	Kenya	Kuwait
Latvia	Lebanon	Lesotho
Liechtenstein	Lithuania	Luxembourg
Macau	Malawi	Malaysia
Maldives	Malta	Marshall Islands
Martinique	Mauritania	Mauritius
Mayotte	Mexico	Micronesia
Moldova	Monaco	Mongolia
Montenegro	Montserrat	Morocco
Myanmar	Namibia	Nepal
Netherlands	Netherlands Antilles	New Caledonia
New Zealand	Nicaragua	Nigeria
Niue	Norfolk Island	North Macedonia
Northern Mariana Islands	Norway	Oman
Pakistan	Palau	Panama
Papua New Guinea	Paraguay	Peru
Philippines	Poland	Portugal
Puerto Rico	Qatar	Reunion
Romania	Rwanda	Saint Barthelemy
Saint Helena, Ascension and Tristan da Cunha	Saint Kitts and Nevis	Saint Lucia
Saint Martin	Saint Pierre and Miquelon	Saint Vincent and the Grenadines
Samoa	San Marino	Sao Tome and Principe

Saudi Arabia	Senegal	Serbia
Singapore	Sint Maarten	Slovakia
Slovenia	South Africa	South Korea
Spain	Sri Lanka	Suriname
Svalbard and Jan Mayen	Sweden	Switzerland
Taiwan	Tanzania	Thailand
Togo	Trinidad and Tobago	Tunisia
Turkey	Turks and Caicos	Uganda
Ukraine	United Arab Emirates	United Kingdom
Uruguay	Uzbekistan	Vanuatu
Venezuela	Vietnam	Virgin Islands
Wallis and Futuna	Yemen	Zimbabwe

Additional Regional / Regulatory Profiles:

- ETSI 5.5-5.7 Outdoor
- Superchannel
- UK 5.8 fixed

Note: Some regions are implemented as regulatory domain or regional profile selections rather than as individual country names.

ORDERING INFORMATION

Wireless Models		
Part Number	Region	Description
AIROLINX-GOMAX-KIT-IP67-T	USA/Canada	High-Speed PtP kit (2 units) - IP67 Enclosure, Integrated 19 dBi Panel Antenna; Active PoE; includes 2x Mounting Kits and Quick Install Guide; EOT: -40°C to 75°C
AIROLINX-GOMAX-BASE-IP67-T	USA/Canada	High-Speed Base Unit (1 unit) to create PtMP Network - IP67 Enclosure, Integrated 19 dBi Panel Antenna; Active PoE; includes Mounting Kit and Quick Install Guide; EOT: -40°C to 75°C
AIROLINX-GOMAX-KIT-IP67-T-ROW	Outside of USA/Canada	High-Speed PtP kit (2 units) - IP67 Enclosure, Integrated 19 dBi Panel Antenna; Active PoE; includes 2x Mounting Kits and Quick Install Guide; EOT: -40°C to 75°C; For Use in Countries Outside of the USA/Canada
AIROLINX-GOMAX-BASE-IP67-T-ROW	Outside of USA/Canada	High-Speed Base Unit (1 unit) to create PtMP Network - IP67 Enclosure, Integrated 19 dBi Panel Antenna; Active PoE; includes Mounting Kit and Quick Install Guide; EOT: -40°C to 75°C; For Use in Countries Outside of the USA/Canada

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