

AIROLINX-GO-KIT-IP67-T

OUTDOOR IP67 PRECONFIGURED 5GHz POINT-TO-POINT BRIDGE KIT WITH INTEGRATED 16dBi 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 300Mbps
- Airolix Go Studio for Discovery, First-Run Security, RF Optimization, Alignment, and Link Test Reporting
- Integrated 16dBi Panel Antenna for Extended-Range Up to 2+ Miles
- Video-Grade Range 1-2 miles (1.6-3.2km) Line-of-Sight for Consistent Higher Throughput
depends on country regulations
- Longer distance will result in lower throughput
- Passive PoE Input (8-28V) with Included 24V PSU and Passive PoE Injector (per unit)
- Rugged IP67 Enclosure for Permanent Outdoor Installation
- Operating Temperature: -40°C to 75°C (-40°F to 167°F)
- 5-Year Warranty



INTRODUCTION

Antaira Technologies' Airolix Go 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.

Airolix 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

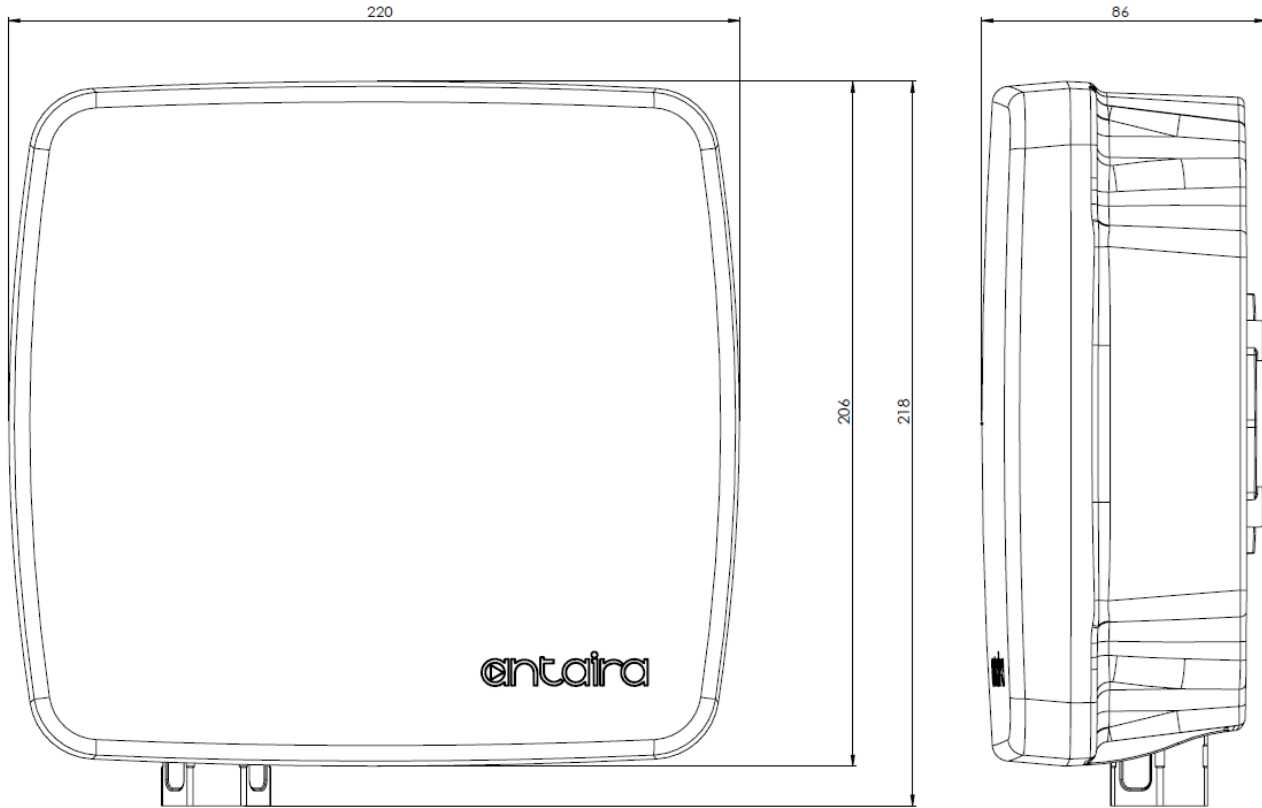
- **Security:** IP surveillance camera backhaul, gate/entry systems, perimeter coverage, temporary event deployments
- **ITS:** Intersection-to-intersection backhaul, roadside cabinet connectivity, temporary construction-zone links

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	AR9342, 1 core, 600 MHz (MIPSBE)	PoE Input	Passive PoE-In
Memory	64 MB RAM	Input Voltage	8-28VDC
Storage	128 MB NAND	DC Inputs	PoE-In
Ethernet	1*10/100/1000BASE-T RJ45	Max Power Consumption	11W
Wireless	5 GHz 802.11a/n, 2 chains (2x2), Wi-Fi 4	Wind Survivability	125 mph (200 Kph)
Wireless Max Data Rate	300 Mbit/s	Operating Temperature	AIROLINX-GO-KIT-IP67-T: -40°C to 75°C (-40°F to 167°F) Passive PoE Injector: -40°C to 75°C (-40°F to 167°F) Power Supply Unit (PSU): 0°C to 50°C (32°F to 122 °F)
Transmit Power	Up to 30 dBm (rate-dependent)		
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-GO-KIT-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

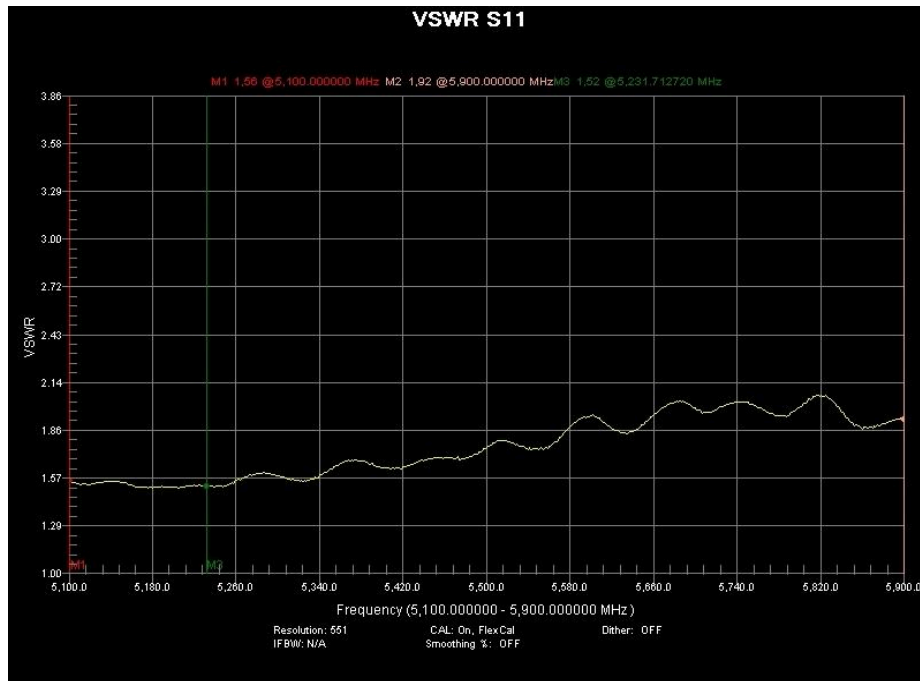
Antenna Specifications

Specifications	Integrated 2x2 Directional Panel Antenna
Frequency Range	5.1-5.9GHz
Gain	2x16dBi
Polarization	Horizontal and Vertical Linear
Beamwidth (H)	38° @ -3dB
Beamwidth (V)	20° @ -3dB
VSWR	<2
Impedance	50 ohm

Integrated 2x2 Directional Panel Antenna

VSWR

VSWR S11



SUPPORTED COUNTRIES AND TERRITORIES

AIROLINX-GO-KIT-IP67-T

Canada	United States	United States Minor Outlying Islands
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AIROLINX-GO-KIT-IP67-T-ROW

Albania	Algeria	Argentina
Armenia	Aruba	Australia
Austria	Azerbaijan	Bahamas
Bahrain	Bangladesh	Barbados
Belarus	Belgium	Belize
Bermuda	Bolivia	Bosnia and Herzegovina
Brazil	Brunei Darussalam	Bulgaria
Cambodia	Chile	China
Colombia	Costa Rica	Croatia
Cyprus	Czech Republic	Denmark
Dominican Republic	Ecuador	Egypt
El Salvador	Estonia	Finland
France	French Guiana	French Polynesia
Georgia	Germany	Greece
Greenland	Grenada	Guadeloupe
Guam	Guatemala	Haiti
Honduras	Hong Kong	Hungary
Iceland	India	Indonesia
	Ireland	Israel
Italy	Japan	Jordan
Kazakhstan	Kenya	Korea (Republic of)
Kuwait	Latvia	Lebanon
Liechtenstein	Lithuania	Luxembourg
Macau	Malawi	Malaysia
Malta	Martinique	Mayotte
Mexico	Moldova	Monaco
Montenegro	Morocco	Nepal
Netherlands	Netherlands Antilles	New Zealand

Nicaragua		North Macedonia
Norway	Oman	Pakistan
Panama	Papua New Guinea	Paraguay
Peru	Philippines	Poland
Portugal	Puerto Rico	Qatar
Reunion	Romania	
Rwanda	Saudi Arabia	Serbia
Singapore	Slovakia	Slovenia
South Africa	Spain	Sri Lanka
Sweden	Switzerland	Syria
Taiwan	Tanzania	Thailand
Trinidad and Tobago	Tunisia	Turkey
Uganda	Ukraine	United Arab Emirates
United Kingdom	Uruguay	Uzbekistan
Venezuela	Vietnam	Yemen
Zimbabwe		

Additional Regional / Regulatory Profiles:

- Brazil Direct
- Brazil-922
- Brazil-Anatel
- ETSI
- ETSI 5.5-5.7 Outdoor
- ETSI 5.7-5.8 SRD
- ETSI1
- ETSI2
- Egypt 5.8
- France Res
- Germany 5.8 AP
- Germany 5.8 Fixed P-P
- Indonesia 5.7-5.8
- Indonesia2
- Indonesia3
- Indonesia4
- Indonesia5
- Japan1
- Japan2
- Japan3
- Japan4
- Japan5
- Japan6
- Korea Republic2
- Korea Republic3
- New Zealand 5.8 Fixed P-P
- Norway 5.8 P-P
- 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-GO-KIT-IP67-T	USA/Canada	Entry-Level PtP kit (2 units) - IP67 Enclosure, Integrated 16 dBi Panel Antenna; Passive PoE; includes 2x PSU, 2x Passive PoE Injectors, Mounts and Quick Install Guide; EOT: -40°C to 75°C
AIROLINX-GO-KIT-IP67-T-ROW	Outside of USA/Canada	Entry-Level PtP kit (2 units) - IP67 Enclosure, Integrated ~16 dBi Panel Antenna; Passive PoE; includes 2x PSU, 2x Passive PoE Injectors, Mounts and Quick Install Guide; EOT: -40°C to 75°C; For Use in Countries Outside of the USA/Canada

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