

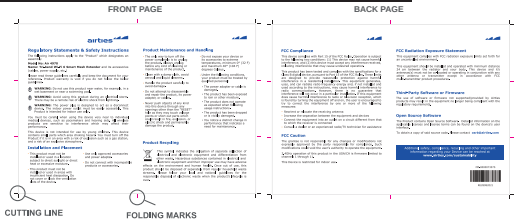
#wifintelligence



REVISION TABLE

Change Point	Ref. PN.	PN.	Part Description	Date	Change Notes	Author
		MP-0000073575	RSI, 4970, Generic US, EN, Color, Single, R0, v0	28.08.2021	Initial Release	MB

NOT PRINTING !!!
THERE ARE INFORMATION ABOUT CUTTING LINE AND FOLDING MARKS.



Air 4970 / Generic / US / Regulatory Statements & Safety Instructions
(Printed Material Specification)

Flat dimension	210mm x 150mm
Dimension after binding	105mm x 50mm
Pages	One page /Double side
Printing Color	colour printing
Page Material	105g copperplate paper
Pages Coating	varnishing
Printing Technique	Offset printing
Binding & Folding Process	Accordion type folding
Output lpi	200 Lpi
Tolerance	L*W:+1mm/-1mm
Color Tolerance	ΔE=2 for Pantone ΔE=3 for CMYK
PART NUMBER	MP-0000073575

Printing Colors



Pantone 2728C



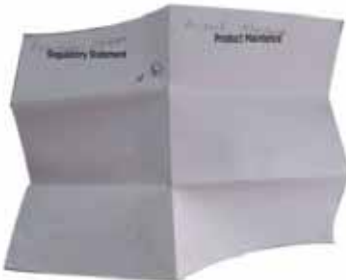
C:0, M:0, Y:0, K:100



Pantone 715C



THIS PAGE NOT PRINTING!
THIS PAGE GIVES YOU INFORMATION ABOUT PAGE FOLDING.



Regulatory Statements & Safety Instructions

The following instructions apply to the "Product" which designates an assembly:

Model No: Air 4970

Name: Tri-band Wi-Fi 6 Smart Mesh Extender and its accessories (cables, power supply, etc.)

Please read these guidelines carefully and keep the document for your reference. Product warranty is void if you do not follow the below guidelines.

⚠ WARNING: Do not use this product near water, for example, in a wet basement or near a swimming pool.

⚠ WARNING: Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

⚠ WARNING: The power plug is designed to act as a disconnect device. The indoor power outlet must be easily accessible. This Product is intended for indoor use only.

You must be careful when using the device very near to individual medical devices, such as pacemakers and hearing aids. All wireless products are sensitive to interference which may affect their performance.

This device is not intended for use by young children. This device contains small parts which area choking hazard. You must turn off the Product if it is in an area with a risk of explosion such as a gas station, and a risk of an explosive atmosphere.

Installation and Placement

- This product must not be installed or used in a location subject to direct sunlight or direct heat or excessive moisture.
- This product must not be installed or used in areas with insufficient heat dissipation. Do not cover or block the ventilation slots of the device.
- Use only approved accessories and power adapter.
- Do not connect with incompatible products or accessories.



Product Maintenance and Handling

- The only way to turn off the power completely is to unplug the product. Always unplug before any kind of cleaning or maintenance of the product.
- Clean with a damp cloth, avoid aerosol and liquid cleaners.
- Handle the product carefully to avoid damage.
- Do not attempt to disassemble and repair the product, its power adapter, or cables.
- Never push objects of any kind into this device through any openings other than the "RESET" hole as they may touch voltage points or short out parts which could result in fire, explosion, or electric shock and permanently damage the product.
- Do not expose your device or its accessories to extreme temperatures, minimum 0° (32 F) and maximum 40° (104 F) degrees Celsius.
- Under the following conditions, your product must be treated by qualified personnel:
 - The power adapter or cable is damaged.
 - The product has been exposed to rain or other moisture.
 - The product does not operate as expected when following usage instructions.
 - The product has been dropped or is visibly damaged.
 - You notice a distinct change in performance that indicates a need for maintenance.

Product Recycling



This symbol indicates the obligation of separate collection of electrical and electronic equipment and differentiation from other waste. Hazardous substances contained in electrical and electronic equipment and their improper use may have adverse effects on the environment and human health. Once out of use, this product should be disposed of separately from regular household waste streams. Please follow your local and national guidelines for the responsible disposal of electronic waste when the product's lifecycle is over.



FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This product has been tested and complies with the specifications for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and devices
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult a dealer or an experienced radio/TV technician for assistance

FCC Caution

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment. 2.4GHz operation of this product in the USA/CA is firmware limited to channels 1 through 11.

This Device is restricted for indoor use.



FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 24 cm between the radiator and your body. This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

Third-Party Software or Firmware

The use of software or firmware not supported/provided by Airties products may result in the equipment no longer being compliant with the regulatory requirements.

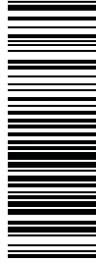
Open Source Software

The Product contains Open Source Software. Detailed information on the applicable licenses and license terms can be found on the device's user interface.

To obtain a copy of said source code. Please contact osrb@airties.com

Additional safety, compliance, recycling and other important information regarding your Device can be reached at www.airties.com/sustainability

MP-0000073575



RE28082021

REVISION TABLE

Change Point	Ref. PN.	PN.	Part Description	Date	Change Notes	Author
		MP-0000073321	QIG, 4970, Generic, EN, Color, Single, R0, v0	12.01.2021	Initial Release	MB
	MP-0000073321	MP-0000073406	QIG, 4970, Generic, EN, Color, Single, R1, v0	28.06.2021	Worked as rebranding	MB

Printing Colors



PANTONE 2728 C



PANTONE 715 C



C:0,M:0,Y:0,K:100



C:75,M:0,Y:100,K:0



C:73,M:13,Y:9,K:0



C:0,M:100,Y:100,K:0

Air 4970 / Generic / Single Pack
(Printed Material Specification)

Flat dimension	210mm x 148mm
Dimension after binding	105mm x 148mm (A6)
Pages	8 pages
Cover Printing Color	colour printing
Inner Printing Color	colour printing
Cover page Material	128g copperplate paper
Inner pages Material	128g copperplate paper
Cover Pages Coating	varnishing
Inner pages Coating	varnishing
Binding & Folding Process	Booklet type folding & 2 pcs stable biding
Output lpi	200 Lpi
Tolerance	L*W:H:mm/-1mm
Color Tolerance	ΔE=2 for Pantone ΔE=3 for CMYK
PART NUMBER	MP-0000073406



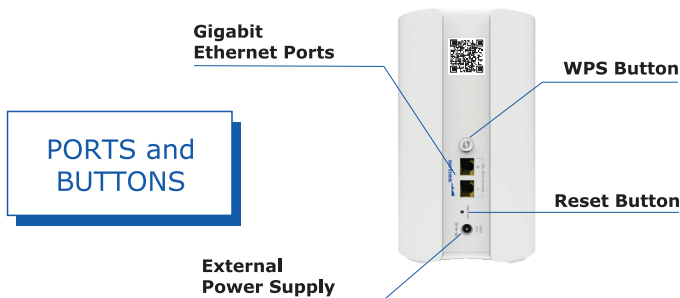
Tri-band Wi-Fi 6 Smart Mesh Extender

User Manual

Air 4970



Tri-band Wi-Fi 6 Smart Mesh Extender



* There is no power on / off button on Air 4970, device will power on after the external power supply unit is connected.



Please remove the protective plastic on the products before installation.

INSTALLATION

To install the Airties Wireless devices, please download **"Airties Vision"** application on your mobile device by scanning this QR code.

Please follow the instructions in the mobile application to complete your setup.





TIPS FOR BEST PERFORMANCE:

- Keep devices away from:
 - Potential sources of electrical interference. Equipment that may potentially cause interference include home security systems, microwaves and consumer electronic devices.
 - Large metal surfaces and objects.
 - Sources and areas of heat such as ovens and sun rooms as well as direct sun light.
- Please make sure to remove the protective plastic on the device before first use.
- Please use the device in upright position. The openings are provided for ventilation, do not block or cover openings.
- Your device is designed to work indoors and under room temperature conditions only. Avoid placing the device to very cold, very hot, very humid or very dry locations inside your home.
- To change advanced settings on your device, you can access web UI with the credentials below:
 - **Username:** admin
 - **Password:** Admin123

REBOOTING AND RETURNING TO FACTORY SETTINGS



- If you press down shortly on the reset button (in the small opening on the back shown above), your device will reboot.
- To return the device to factory settings, press down on the reset button for 10 seconds and release. A metal paperclip (with an extended tip) or strong toothpick are typically good choices for this task. When the reset process is triggered, the LED in the front will “blink rapidly” and the device will reboot to factory settings.



PRODUCT NOTICES

- Operational modes:

2.4 GHz: 802.11b, 802.11g, 802.11n (HT20), 802.11n (HT40), 802.11ax (HE20), 802.11ax (HE40)

5 GHz: 802.11a, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80), 802.11ax (HE20), 802.11ax (HE40), 802.11ax (HE80),

- Maximum power consumption of networked standby mode is 6.7W.
- This device is restricted for indoor use.



TROUBLESHOOTING

Condition	LED Color	LED Behavior	Timing
Power OFF	OFF	-	
Power ON, booting	White	Blinking	
Wireless network healthy	Green	Blinking	50 milliseconds OFF 5 seconds ON
Device configured as single wireless access point	Green	Solid	
Unconfigured mesh device	Blue	Blinking	4 seconds OFF 4 seconds ON
Weak connection to the wireless mesh network	Red	Solid	
Cannot connect to the wireless mesh network	Red	Blinking	1 second OFF 1 second ON
Software upgrade	Blue	Blinking	1/2 second OFF 1/2 second ON



Explanation	Recommended Action(s)
Device is turned off.	Make sure the power supply unit is connected to the device.
	No action required. If the device was just powered on, please wait for at least 2 minutes for the device to boot up.
LED is steady green with a short blink every 5 seconds.	No action required.
Device is connected to the router/gateway with an ethernet cable and acts as a wireless access point. No other mesh devices are configured in the network.	No action required, more mesh devices can be added to the wireless mesh network if needed.
Device is not configured and connected to the wireless mesh network.	Configure the device using Airties Vision app.
	Bring device closer to another device in the wireless mesh network.
Device is part of wireless mesh network but unable to find any of its mesh partners.	Make sure other device(s) that are part of the wireless mesh network are powered on and close enough to connect.
Device is retrieving the latest software.	Wait for the upgrade to complete. Device will automatically start with the latest software.

MP-0000073406



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