

WatchAir® Product Specification

Version 1.2.4

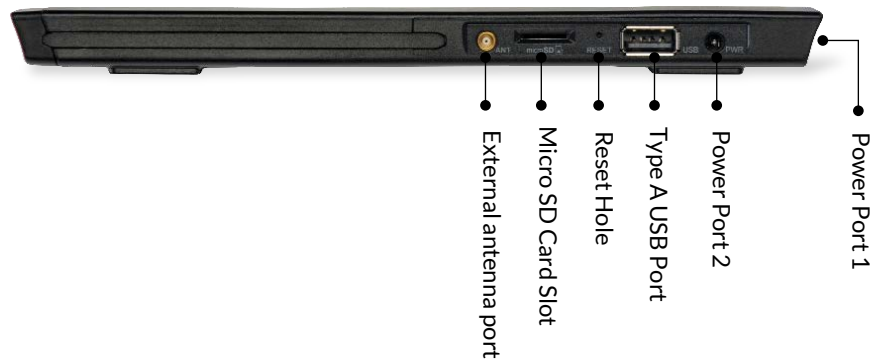
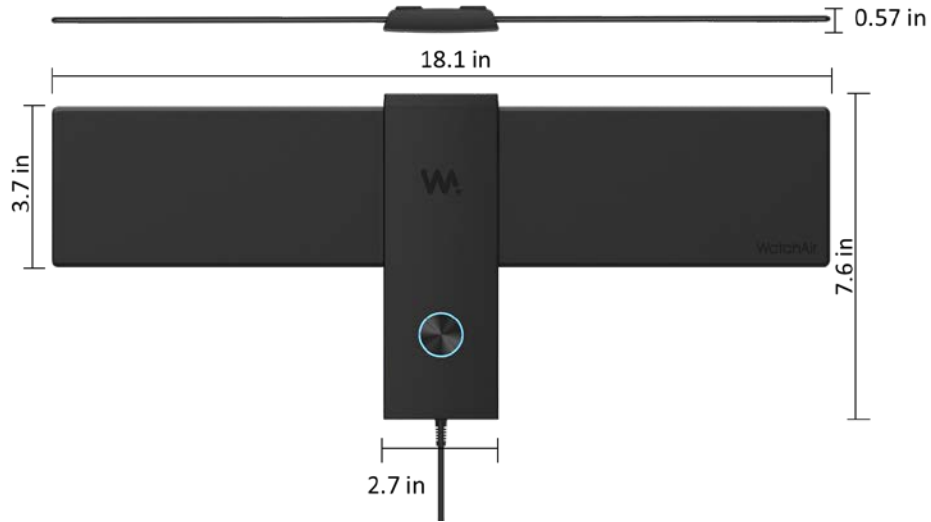


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1. MECHANICAL SPECIFICATION



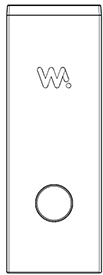
2. PRODUCT SPECIFICATION

Model	EPUS-100B • UPC Code 850547007006 • Black Color EBUS-100W • UPC Code 850547007013 • White Color
Dimension	18.1" x 7.6" x 0.57" (device) / 20¼ "x 5" x 2¼ "(package)
Weight	11.1 oz. (device) / 32 oz. (package)
System Requirements	<ul style="list-style-type: none">• Smart phone and tablet based on iOS (9.0 or later) or Android (KitKat or later).• An 802.11.bgn WiFi router with internet connection.• A power outlet.
Availability	Only in U.S. & Canada
Antenna Category	Indoor antenna
Antenna Coverage	60 miles coverage under triple band coverage (UHF, VHF High, VHF Low). Please check our website to find out an expected local live channel reception at your location.
Additional Antenna	Supported. A separate antenna connector is included.
Power Amplifier	Advanced low noise amplifier (LNA) that can be turned off from WatchAir app to use an existing power-amplified antenna.
TV Tuner	Single ATSC 1.0 tuner

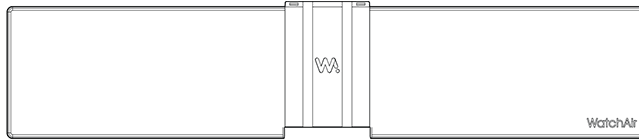
Installation Modes	<ul style="list-style-type: none">• Upright mode to use a built-in antenna on window or drywall: GPS-based live antenna installation guide available (US Only) on WatchAir mobile app.• Desktop mode to use an existing antenna connection on desktop.
TV Schedule Guide	Enhanced TV schedule guide by data subscription through internet.
Streaming Resolution	HD quality (720p)
Wi-Fi Connectivity	<ul style="list-style-type: none">• Between WatchAir and a WiFi router: 802.11 b/g/n with 2x2 MIMO.• Between a WiFi router and supported devices: Any WiFi spec such 802.11b/g/n/ac provided that both products can support.
Supported Streaming Devices	<p>As of November 17, 2017, the following devices are supported.</p> <ul style="list-style-type: none">• Roku: all Roku products since Roku 3 and smart TV's by Roku TV.• Amazon Fire TV: all Amazon Fire TV and sticks• Apple TV: Apple TV 3rd gen (by Airplay), Apple TV 4th gen, Apple TV 4K• Android TV: Google Nexus Player, Nvidia Shield, Xiaomi Mi Box, Sony Bravia Smart TV, Sharp AQUOS Smart TV• Please check other release schedules for more devices in our product website.
Recording Storage	<ul style="list-style-type: none">• Built-in internal 7 GB for about 5 hours of recording• External micro SD card (SDXC) up to 2TB for about 1,400 hours of recording• External USB 2.0 for memory stick, USB 2.0 compatible SSD or HDD under 3.5 Watt• Supported file format: FAT32, exFAT, and NTFS

Concurrent Watching*	<ul style="list-style-type: none">• One live TV program can be streamed to two different devices.• One live TV program and the other recorded program can be streamed to two different devices.• Two different recorded TV programs can be streamed to two different devices.• Please note that concurrently watching or recording two different live channels is not supported.
Remote Watching* (TV over IP)	Personal home usage only. uPNP or port forwarding feature support in home networking WiFi router is required. Home networking under a single WiFi router will be supported. No support for commercial or corporate usage. Please check more details for limitation and schedule in our product website.
Ports	External antenna connector, Micro SD slot (SDXC), reset hole, Type A USB 2.0 port, and DC power connectors (2)
Operation Temperature	32F ~ 104F (no recommendation for attic usage)
Warranty	One-year limited warranty only in U.S.
Included in the Box	(1) TV Antenna (2) Smart bar (3) Upright mode bracket (4) Desktop mode bracket (5) Screws (2 pcs) (6) External antenna connector (7) AC/DC power adapter (5V/2.5A) with a 10-foot-long cord (8) Quick installation guide

3. PRODUCT PACKAGE CONTENTS



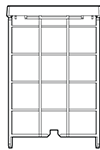
Smart bar



TV Antenna



Quick Installation Manual



Desktop mode bracket



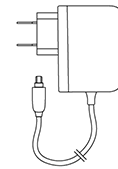
Upright mode bracket (with double-sided tape)



Screw 2p



External antenna connector



AC/DC Adapter (5V/2.5A)

4. SUPPORTED CONCURRENT VIEW USE CASES

On Device # 1	On Device # 2	View Use Case Description	WatchAir Support
Watching Live Channel A	Watching Live Channel A	Concurrently watching one identical live channel over two displays	Yes
Watching Live Channel A	Watching Live Channel B	Concurrently watching two different live channels over two displays	No
Watching Live Channel A	Watching Recorded Channel B	Concurrently watching one live channel while watching another recorded channel	Yes
Watching Recorded Channel A	Watching Recorded Channel B	Concurrently watching two different recorded channels	Yes
Watching Live Channel A	Recording Live Channel A	Concurrently watching one live channel while recording the same channel	Yes
Watching Live Channel A	Recording Live Channel B	Concurrently watching one live channel while recording another live channel	No
Recording Live Channel A	Recording Live Channel B	Concurrently recording two different live channels	No

The quality of streaming and the maximum number of recorded TV program streaming more than two devices, depend on the WiFi router performance at a given location.

5. TV OVER IP (LOCAL LIVE TV EVERYWHERE)¹

5.1. Use case

WatchAir users can watch live TV or recorded TV when out of the home network. The following use cases can be supported only on WatchAir mobile app.

1. Watching a local live TV program
2. Watching a recorded local TV program
3. Requesting a local live TV program recording

5.2. Limitations

1. WatchAir device should be connected to your main WiFi router, not to any secondary WiFi router.
2. WiFi router needs to support uPnP or port forwarding, which is a typical feature for WiFi routers.
3. The streaming resolution may not be HD quality due to unexpected traffic over the internet.
4. Only for personal usage
 - When you are out of your home network to use this feature, your mobile device may be connected to a private WiFi router or your LTE connection, because a corporate or public WiFi connections will not usually allow this private streaming, in general. When your LTE is used, please be aware of its data consumption.
 - No public rebroadcasting: only your own mobile devices will be allowed to access this service. Please note that it is illegal to retransmit TV contents to the public without paying the transmission fee to broadcasters.

¹ A beta service will be available by the end of 2017.

About Resonian, Inc.

Resonian is an industry leader in innovative smart antenna technology as the creator of WatchAir ®, the industry-first wireless smart antenna. Resonian also provides OTA (over-the-air) industry with cutting-edge solutions for wireless smart antenna technology in order to evangelize patented Hang & Watch™ technologies that transform conventional OTA antenna into modern OTT (over-the-top) streaming services so that the consumer can enjoy OTA more easily than ever before.

Resonian is headquartered in Irvine, California. For more information, please visit the company's website at www.watchairtv.com or contact Resonian at welcome@watchairtv.com.