

Airmont develops innovative software and services to enable secured solutions deployment in an increasingly mobile world. Embedding the latest innovations and backed by the recognized expertise of its engineering team, our off-road platform enables high demanding users to remain fully connected while on land, sea and air throughout the world.

AIRMONT-CAST

Highly compressed seamless feed of personal streaming content to Governmental aircraft, Private jets and Yachts.

Airmont-Cast service allows any passenger to display his personal live streaming content on onboard TV set while limiting the satellite bandwidth usage and reducing cost.



SOLUTION

Airmont-Cast is composed of several key features:

- The possibility to feed Airmont-Cast system with any online content accessible from the user's personal device.
- The ability for the user to select his playlist via the build-in "cast" feature of the user's smartphone, making it totally intuitive.
- A great fluidity in the rendering of media content over the internet satellite link, thanks to Airmont HEVC/H.265 encoder.
- The control of media quality and bandwidth usage thanks to Airmont remote control app or web site.
- A straightforward way to deploy the solution on business aircraft or yacht, by connecting Airmont Gateway to existing local network.
- Display can be done via specific device (BeamTV decoder), via an Apple TV connected to a monitor or via Airmont Player app on iPad.
- 2 architectures type can be selected:
 - #1 for customer requested the best compression levels
 - #2 and #3 for users focusing on simple deployment using off-the-shelf devices
- Airmont-Cast makes use of native features: The user displaying his content does not need to install an app on the user device.
- Patented solution, submitted in 2018.
- Airmont-Cast technology is available as a service with a monthly subscription.

APPLICATIONS

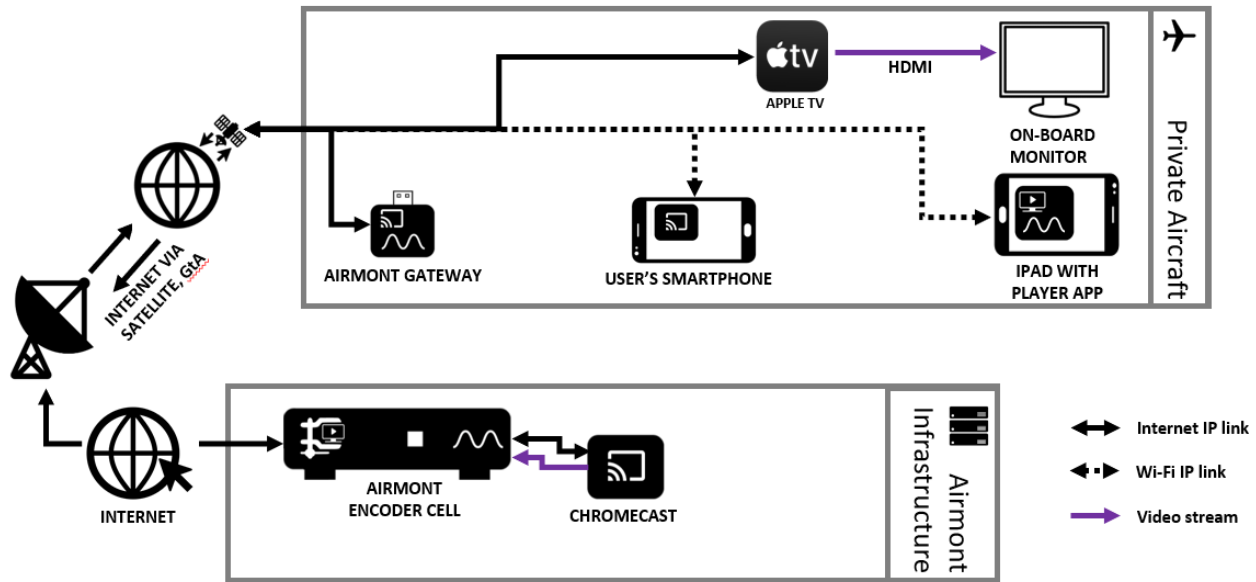
Airmont-Cast is based on the "cast" feature which is now available on any smartphone, tablet and computers.

Airmont-Cast is easy to use by anyone via 2 steps : user connects to the local wifi network and then use the cast feature in a standard manner. It will display on the monitor the following icon:



Airmont-Cast provides users a direct access to their media in the air, at sea, in the hotel or in transport even with limited internet resources.

Easy to connect and easy to control by the end user through the remote control thanks to pre-recorded profiles, Airmont-CAST ensures an optimized deployment for any specific bandwidth-constrained network.



ON - BOARD EQUIPMENT

	Architecture #1	Architecture #2	Architecture #3
Video decoder device	 BeamTV decoder	 AppleTV decoder	 iPad iPhone Android Smartphone
Description	All-in-one Simple setup Display on any TV/monitor Best compression level	Easy to purchase Display on any TV/monitor Simple setup Full control via AppleTV remote	Easy to deploy Display on device screen Simple setup
Power Supply	12 VDC / 24 watts max	See device specifications	
Mechanics	25 x 17,2 x 3,2 cm / 0,850 Kg	See device specifications	
Profil change	Via Airmont remote control app	Via Apple TV remote	Via Airmont remote control app
Role of airmont gateway 	Display cast icon on compatible apps Capture casts requests	Local Video stream server streams mutualization Display cast icon on compatible apps Capture casts requests	
On-board Stream mutualization	No	Yes (one stream on WAN can be displayed on multiple devices on LAN)	

PERFORMANCES (IP BANDWIDTH REQUIRED ON WAN)

Video Profile	Very Limited	Limited	Constrained	Medium	Standard	Premium
	Below SD	Up to SD/480p	Up to SD/480p	Up to HD Ready/720p	HD Ready/720p	Full HD/1080p
Architecture #1	180 Kb/s	250 kbps	380 kbps	700 kbps	1 Mbps	2 Mbps
Architecture #2, #3	310 Kb/s	360 kbps	510 kbps	850 kbps	1.2 Mbps	2.2 Mbps

COMMERCIAL OFFER

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