

# Everhub Portable Server



Inflight Dublin's *next generation* portable wireless server is DO-160G certified, making it the safest and most reliable portable server in the airline market. The server is operated by battery power, and delivers secure high definition browser-based DRM content to 75 passengers per unit. The *Everhub™* portable server minimises operational costs through its hot-swappable battery configuration and remote loading of content.



## Wireless streaming using the Everhub server:

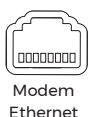
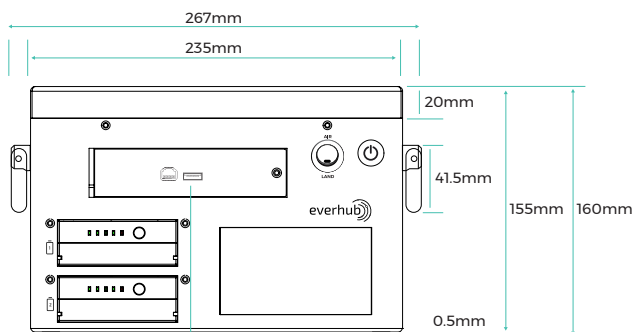
- Preloaded with *Everhub™* software for inflight entertainment and ancillary services
- Supports secure Digital Rights Management (DRM) content streamed to browsers (no app necessary)
- Enables whole aircraft connectivity
- Available as a standalone portable box using batteries
- Hot swappable batteries: Change battery without powering off the server
- Crew control via touch screen or wireless connection

## Technical Features:

- 4.3in LCD touchscreen interface
- 2 x 96Wh batteries giving up to 14 hours operation
- Removable content hard drive (1TB - 3TB) - instant content updates with simple hard drive swap
- D-Link WAP streaming on 2.4 GHz
- Passive-cooled processor with 16.04 Ubuntu OS
- Dimensions: 267mm width x 205mm depth x 160mm height (10.5in x 8.1in x 6.3in)
- Weight: 2.7kg

## Outline Dimensions

Fig. 1 - Unit Front



Modem  
Ethernet

USB 3.0

Fig. 2 - Unit Side

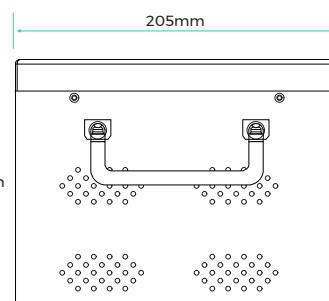
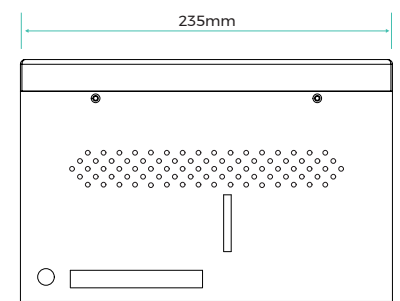


Fig. 3 - Unit Rear



For further information on all our services please contact us at:  
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## Everhub Portable Server Specifications

<b>Mechanical Specifications</b>	Server weight: 2.7kg - Battery weight: 0.75kg (each)
	Dimensions: 267mm width x 205mm depth x 160mm height (10.5in x 8.1in x 6.3in)
	Materials: Sheet metal housing with plastic WAP cover
	Mounting: Base plate available
	Cooling: No external cooling required. Passive cooling Processor
<b>Electrical Specifications</b>	<ul style="list-style-type: none"> <li>Power Input: DC 16.8V by battery</li> <li>Intelligent power supply: one battery in use at a time</li> </ul>
	256GB internal storage and 1TB -3TB removable SSD content storage
	System memory: 8GB RAM
	Other Inputs: One USB 3.0 connector, two USB 2.0 connectors, one micro USB, Bluetooth module, ADS-B receiver module, 3G/4G/LTE Network module (SIM card required)
	Other Outputs: WAP supporting 2.4 GHz, HDMI connector, Bluetooth module, 3G/4G/LTE Network module (SIM card required)
	Ports Available: HDMI port, Industrial Ethernet LAN port (RJ-45)
	USB for data upload or external device connection
	Internal Protection: Fuse for short circuit condition and thermal switch for overheat condition
	Wi-Fi Frequency: 2.4 GHz (802.11b, 802.11g, and 802.11n)
	Wi-Fi Data rate: 400 Mbps (256-QAM) over 2.4 GHz
	Wi-Fi EIRP: < 20 dBm (100 mW)
<b>Certification</b>	Server and batteries certified under DO-160G
	Battery: UL2054, IEC62133, UN38.3, CE and FCC
	T-PED testing not required (subject to aircraft operator using CAT.GEN.MPA,140)
	FAA STC with EASA certification for Hybrid option
<b>US Responsible Party (for FCC matters ONLY) US Office Address</b>	Inflight Dublin, 1100 West Town and Country Road, Suite 1250, Orange, California. 92868 Phone +1-657-235-5047

### FCC Regulatory Compliance

Note: This equipment has been tested and found to comply with the limits 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 in accordance with 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 can be determined 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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Warning:** changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### RF Exposure Compliance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### Caution:

Risk of explosion if the battery is replaced by an incorrect type. Batteries disposed into fire or a hot oven, mechanically crushing or cutting of a battery, can result in an explosion. Batteries left in extremely high temperatures can result in an explosion or a leakage of flammable liquid or gas. Batteries subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

For further information on all our services please contact us at:  
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