



Portable, low-cost, full-featured, wireless IFE is now a reality. The Telefonix PDT™ Encompass™ server is a small form factor, wireless IFE system designed to meet the requirements of short term aircraft trials and long term IFE solution needs.

The Encompass all-in-one server is a stand-alone, highly integrated, portable IFE solution that is capable of multi-user media streaming of audio, video-on-demand, digital magazine content and more. By leveraging the company's experience developing LRUs for embedded IFE systems, the Telefonix PDT team has developed a feature rich, high quality solution for the portable market. In addition to its content streaming capabilities, the product also offers an onboard cellular radio that enables data transmission of credit card transaction and data analytics inflight. The Encompass all-in-one server is easily transferred from one aircraft to another making it an ideal solution for commercial and business aviation aircraft where expensive, embedded solutions are not economical or necessary.

The unit's small size and weight make it perfect for deployment in overhead storage bins; and with 12 hours of continuous battery operation, this open source solution is not only easy to operate, but is also easy to customize to meet your needs. Software SDK is available to quick-start your DRM and content management application and high capacity SSD storage ensures that you can provide ample content for streaming to passenger devices. While inflight features are certainly key, the product's integrated smart battery charger allows the unit to be plugged-in off the aircraft at any customer remote staging location.

Without the certification requirements of traditional embedded solutions, the Encompass all-in-one server is a solution that minimizes cost while still delivering the quality experience that passengers have come to expect in the air. Whether you are looking for a short-term solution for aircraft trials or a unique solution for long term IFE needs, Telefonix PDT has developed a unique solution that will work for you.



PRODUCT FEATURES

Content Streaming	Multi-User, Streaming Audio, Video-on-Demand
Software	Open Source Software Options are Easily Customizable
Battery Life	12 Hrs of Continuous Battery Operation
Size	Small Form Factor Design
Access Point	Modern 802.11AC WAP with Dual Radio (2.4GHz/5GHz)
Solid State Drive	500 GB
Status LEDs	Front Panel LEDs for Battery Status and Fault Indications
Interface Ports	Front Ports Include GBit Ethernet, USB for Content Loading, and External Power
Maintenance	Access via Processor/Access Point Serial Ports

L x W x H: 10" x 6.1" x 6.4"
Weight: 7.3 lbs (3.31 Kg)



HQ: 2340 Ernie Krueger Circle Waukegan, IL 60087 USA
P 1.847.244.4500 F 1.847.244.4525 info@telefonixinc.com

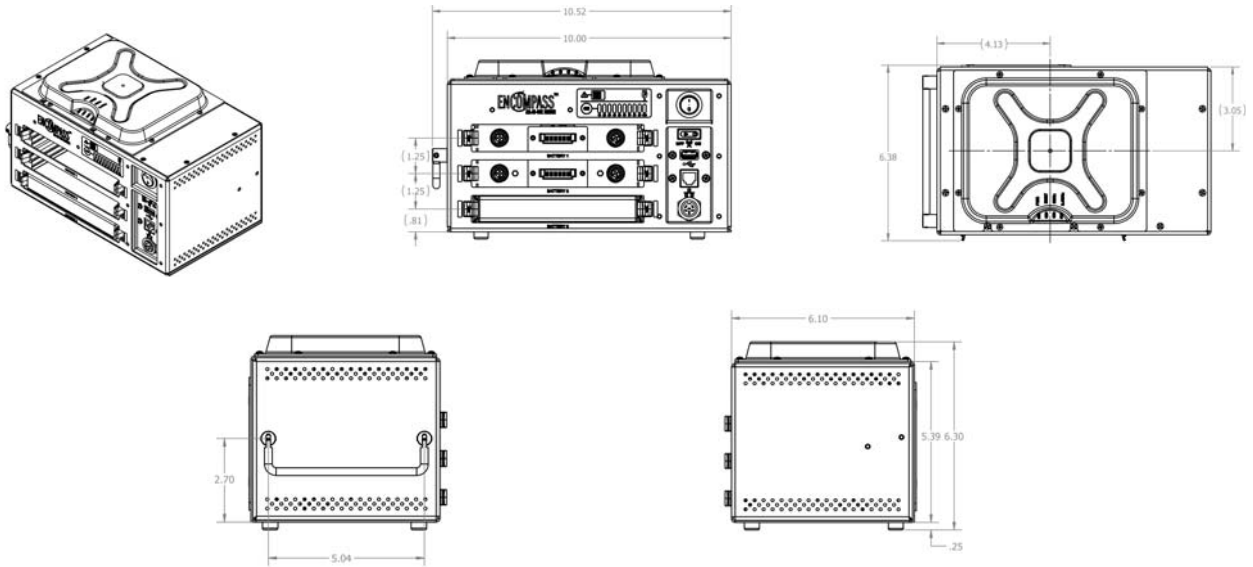
Copyright © 2017 Telefonix, Inc. All Rights Reserved. Telefonix is a registered trademark of Telefonix, Inc. Telefonix PDT, Encompass and the Encompass logo are trademarks of Telefonix, Inc.

TELEFONIX PDT™
telefonixpdt.com



OUTLINE DIMENSIONS

In Inches



SERVER UNIT FEATURE SUITE

COMPONENT	DESCRIPTION
Processor	Freescale™ i.MX6 Quad Core ARM® Cortex™ -A9, 1GHz DRAM: 2GB DDR3-1066 256MB Flash System Memory
Mass Storage	Micro SD mSATA SSD Support (Capacity per Customer Requirements, up to 1TB)
I/O	Gigabit Ethernet (RJ45) USB 2.0 Custom Dual RS232 Port for Access Point Custom Dual RS232 Port for Single Board Computer Content Loading Accomplished Utilizing USB or Gb Ethernet
Access Point	Dual Radios: 2.4GHz (300Mbps) and 5GHz (867 Mbps) IEEE 802.11ac Backwards Compatible with 802.11 a/b/g/n 2x2 MIMO, 2-Spatial Stream Operation with up to 867Mbps Wireless Data Rates Support for up to 255 Associated Client Devices per Radio and up to 16 BSSIDs per Radio Integrated Antennas Onboard Virtual Controller (No External Controller Required) Adaptive Radio Management Technology for Assigning Channels and Power Settings, Provides Airtime Fairness and Ensures that the AP Stays Clear of all RF Interference to Deliver Reliable, High-Performance WLANs Advanced Security Features Air Monitor for Wireless IDS, Rogue Detection and Containment
Battery	12 Hr Battery Life 3 Hot Swappable 90W•Hr Lithium Ion Batteries Meets Requirements for UJN38.3 (Transportation), UL2054 and IEC62133 (Safety) 10-Bar LED for Visual State-of-Charge Indicator Integrated Charging

Equipment specifications are updated from time to time to ensure that Telefonix PDT product designs are in line with ongoing market and technology advancements. Please contact us for the most up to date product details.



HQ: 2340 Ernie Krueger Circle Waukegan, IL 60087 USA
P 1.847.244.4500 F 1.847.244.4525 info@telefonixinc.com

Copyright © 2017 Telefonix, Inc. All Rights Reserved. Telefonix is a registered trademark of Telefonix, Inc.
Telefonix PDT, Encompass and the Encompass logo are trademarks of Telefonix, Inc.

TELEFONIX PDT™
telefonixpdt.com

