



AEROSPACE DEVICES INC.

"LEADING THE CHARGE"

Irvine, CA, USA

"2024 USB CHARGING PLUGS & DEVICES COMPANY OF THE YEAR"

www.aerospacedevice.com

In-Addition to our Ruggedized, Harsh Environment 28VDC Line of USB A & C PED Charging Devices.

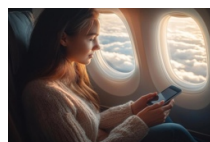
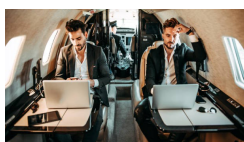
CONTACT ASD INC. FOR WK PRODUCT & PRICING

Authorized Representative For:



WirelessKable Inc.

www.wirelesskable.com



CABIN PRODUCT SOLUTION'S

Commercial & Business Aviation Products: Cost & Energy PD Efficient Cabin Products, Solution Driven, Lower Installation Cost.

- **AC POWER SOLUTION:** AC Powered USB: Cost-efficient AC Powered USB Converters for Commercial Aviation.
- **DC POWER SOLUTION:** USB AC and DC Powered 100W USB-C Converters.
- **USB-C VIDEO SOLUTION:** USB-C & Video USB-C to HDMI and HD-SDI Converter.
- **BUSINESS JET IFE SOLUTION:** Low Cost Business IFE with Netflix, Amazon, Prime, Disney, and Spotify.
- **AVIATION REMOTE HARDWARE PRODUCTS:**
WK End: Remote Hardware Connection.
- **DESIGN CAPABILITIES:**
Create the exact or improved parts, existing product, with technology that can replace the existing functionality in a reliable manner.

AC Powered USB Product Line:



USB-A AC15

AC Powered 15W USB-A Converter

SPEC SHEET

High-efficiency Wide Frequency AC to DC power converter with Daisy-chain capability.

FEATURES



USB-A AC15 MB

AC Powered 15W USB-A Monoblock Converter

[SPEC SHEET](#)

High-efficiency Wild Frequency AC to DC power converter with Daisy-chain capability.

FEATURES

- *A very small footprint*
- *One or three Phase power input*
- *Daisy-chain installation (reduced cost of installation) ▪ No TRU is needed for seat rows*
- *Lightweight*
- *Plateable faceplate*
- *Cost-effective solution*
- *Customizable (plateable) USB-A faceplate*
- *Cost-effective solution*



USB-A AC15

AC Powered 15W USB-A Converter

[SPEC SHEET](#)

High-efficiency Wild Frequency AC to DC power converter with Daisy-chain capability.

FEATURES

- *A very small footprint*
- *One or three Phase power input*
- *Daisy-chain installation (reduced cost of installation) ▪ No TRU is needed for seat rows*
- *Lightweight*
- *Customizable (plateable) USB-A faceplate*
- *Cost-effective solution*



USB-C AC20

AC Powered 20W USB-C Converter

[SPEC SHEET](#)

High-efficiency Wild Frequency AC to DC power converter with Daisy-chain capability.

Limited to 20W output for commercial cabin (can charge Laptops)

FEATURES

- *A very small footprint*
- *One or three Phase power input*
- *Daisy-chain installation (reduced cost of installation)* ▪ *No TRU is needed for seat rows*
- *Customizable (plateable) USB-C faceplate*
- *Cost-effective solution*



USB AC65

AC Powered 65W USB-C/USB-A Converter

[SPEC SHEET](#)

High-efficiency Wild Frequency AC to DC power converter with Daisy-chain capability. Limited to 20W output for commercial cabin (can charge Laptops)

FEATURES

- *A very small footprint*
- *One or three Phase power input*
- *Daisy-chain installation (reduced cost of installation)* ▪ *No TRU is needed for seat rows*
- *Customizable (plateable) USB-C faceplate*
- *Cost-effective solution*
- *Lightweight*
- *Customizable (plateable) USB-A faceplate*
- *Cost-effective solution*



USB-C AC100

AC Powered 100W USB-C Converter

[SPEC SHEET](#)

High-efficiency Wild Frequency AC to DC power converter with Daisy-chain capability. USB-C output with 5 Power Distribution (PD) programmable profiles.

- *One or three Phase power input*
- *Daisy-chain installation (reduced cost of installation)*
- *5 Programmable Power Distribution Profiles (can reduce the power output to desired values) & Power effective solution*
- *Cost-effective solution*



USB-C AC100 Lite

AC Powered 100W USB-C Converter

[SPEC SHEET](#)

High-efficiency Wild Frequency AC to DC power converter with Daisy-chain capability. USB-C output with 5 Power Distribution (PD) programmable profiles.

- *Power effective solution*
- *Daisy-chain installation (reduced cost of installation)*
- *Power & Cost effective solution*
- *5 Programmable Power Distribution Profiles (can reduce the power output to desired values)*

DC Powered USB Product Line:



USB-A DC15

DC Powered 15W USB-A Converter

[SPEC SHEET](#)

High-efficiency DC to DC power converter with Low Voltage AC Input capability.

FEATURES

- *A very small footprint*
- *Lightweight*
- *Plateable faceplate*
- *Cost-effective solution*
- *Provide power and charging to Smart Phones, Tablets and other low power USB*



USB-C DC100

DC Powered 100W USB-C Converter

[SPEC SHEET](#)

High-efficiency DC to DC power converter with Low Voltage AC Input capability. USB-C output with 5 Power Distribution (PD) programmable profiles.

FEATURES

- *High-efficiency power converter*
- *A very small footprint*
- *5 Programmable Power Distribution Profiles (can reduce the power output to desired values)*
- *Plateable Faceplate*
- *Cost-effective solution*
- *Can provide power and charging to Smart Phones, Tablets and Laptops, up to 100W*
- *Customizable Power Distribution profiles to reduce the maximum power to 80W, 60W or 45W*



USB-C DC100FM

DC Powered 100W USB-C Converter Flange Mount

[SPEC SHEET](#)

High-efficiency DC to DC power converter.

USB-C output with 5 Power Distribution (PD) programmable profiles.

FEATURES

- *High-efficiency power converter*
- *A very small footprint*
- *5 Programmable Power Distribution Profiles (can reduce the power output to desired values)*
- *Cost-effective solution*
- *Customizable Power Distribution profiles to reduce the maximum power to 80W, 60W*



5VDC20

DC Powered 5VDC/20W Converter

[SPEC SHEET](#)

High-efficiency DC to DC power converter.

Ideal for aircraft cabins, cockpit, galley and trains for devices where 5VDC / 4A power supply is needed. Designed to power WirelessKable Video Converters.

FEATURES

- *A very small footprint*
- *Lightweight*
- *Cost-effective solution*

Accessories Product Line:



Faceplate

USB-A Faceplate

USB-A Faceplate

[SPEC SHEET](#)

The product is a USB-A pass-through passive device. The faceplate can be plated for special needs.

FEATURES

The product is a USB-A pass-through passive device. The faceplate can be plated for special needs.

FEATURES

- *A very small footprint*
- *Lightweight*
- *Plateable Faceplate*



USB-C Faceplate

USB-C Faceplate

[SPEC SHEET](#)

The product is a USB-C pass-through passive device. Is used as a small footprint USB-C external connector when used with USB-C Converters or in conjunction with USB-C to HDMI Converter. The faceplate can be plated for special needs.

FEATURES

- *A very small footprint* ▪ *Lightweight*
- *Plateable Faceplate*
- *Cost-effective solution*



USB Duo Faceplate

USB Duo Faceplate

[SPEC SHEET](#)

The product is a USB-A and USB-C passive device. Is used as a small footprint USB-C external connector when used with USB-C Converters or in conjunction with USB-C to HDMI Converter. The faceplate can be plated for special needs.

FEATURES

- *A very small footprint* ▪ *Lightweight*
- *Plateable Faceplate*
- *Cost-effective solution*



USB-C Faceplate X

USB-C Faceplate C in C out

[SPEC SHEET](#)

The product is a USB-C pass-through passive device. Is used as a small footprint USB-C external connector when used with USB-C Converters or in conjunction with USB-C to HDMI Converter.

The faceplate can be plated for special needs.

FEATURES

- *A very small footprint* ▪ *Lightweight*
- *Plateable Faceplate*
- *Cost-effective solution*



USB-C Cable

100W USB-C Cable

[SPEC SHEET](#)

The product is a USB-C pass-through cable rated for 100W. Compatible with aerospace flammability requirements.

FEATURES

- *Secure USB-C connections on both ends (2 x 4-40 screws)*



USB-C to HDMI Converters

USB-C to HDMI Converter

[SPEC SHEET](#)

This 4K adapter turns the USB-C or Thunderbolt 3 port on your tablet, laptop, Chromebook, MacBook, smartphone or PC into multiple ports. It's ideal for transmitting digital audio and 4K video to a large display. Adding a thumb drive or other USB peripheral, powering and charging a PD Charging compliant mobile device and all at the same time. It's an ideal tool for working in high-definition photography, videography or cinematography, as well as streaming video for digital signage in crystal-clear 4K.



HDMI-SDI Converters

HDMI / SDI Converters

[SPEC SHEET](#)

Those products are designed to connect HDMI devices and computers to professional SDI equipment or to extend HDMI connectivity over a single coax cable.

FEATURES

- *Can use existing coax cable from old cabin system (50 ohms)*
- *A simple way to extend the HDMI signal over the cabin*
- *Cost-effective solution*



HDMI-CAT6 Converters

HDMI / CAT6 Converters

[SPEC SHEET](#)

Those products are designed to extend HDMI connectivity via a single CAT6 cable.

FEATURES

- *A simple way to extend the HDMI signal over the cabin*
- *Cost-effective solution*

Wireless IFE:



Wireless IFE

Inflight Entertainment System

[SPEC SHEET](#) [VIDEO PRESENTATION](#)

The WirelessIFE Entertainment System provided wireless local content distribution and Netflix, Amazon Prime Video, Disney+, Spotify and Instagram content on a Cabin Monitor. The local content is managed from Cloud Interface. Before any flight, the WirelessIFE device will synchronize its content with the Cloud Repository. The Netflix, Amazon Prime Video, Disney+, Spotify, and Instagram content is synchronized with your own account before you take off.

FEATURES.

- *Simplified content Update Process*
- *The content is accessible in flight without Internet Connectivity, including Netflix, Amazon and Spotify*
- *Content preparation does Not require the Aircraft to be powered*
- *No App is required for Content Distribution to iPhone, iPad, Android Phones, Laptops and Tablets .*



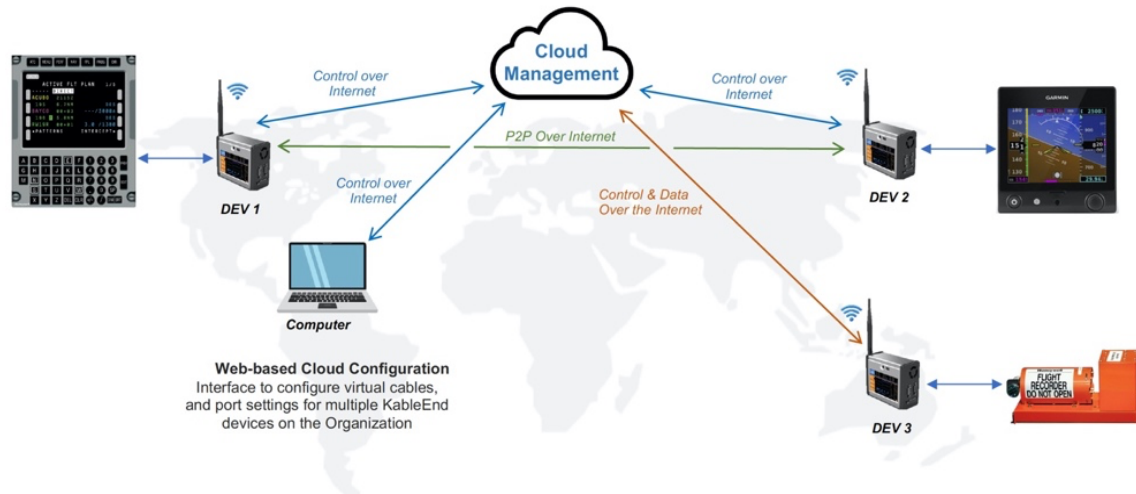
AVIATION REMOTE HARDWARE PRODUCTS:

WKEnd: Remote Hardware Connection “We Connect You to Your Remote Hardware Over the Cloud, Like You Are Hard-Wired to It”

OUR SOLUTION:

- *WKEnd-AeroPro: Kable Device for Avionics*
- *KHMI-Analyzer: HMI & Aerospace Bus Analyzer*
- *WKEnd-Lite: KableEnd Device*
- *WKHMI: Human Machine Interface*

When you are far away from your hardware, wouldn't it be nice to have a hard wire to connect to it? Plug into your hardware, ready to go. Wireless Kables solutions is based on Kable-Ends hardware which connects physically to your devices with cloud-based interface Using Wireless Kable Cloud, you can create your own virtual cables in between any ports of those Kable-Ends. Our solution saves considerable time and costs by eliminating traveling and accommodations for your personnel.



Kable-Ends Features:

- *Encrypted communication*
- *Cloud Configurable via Web Interface*
- *P2P Encrypted Connectivity over Internet / Intranet*
- *Guaranteed QoS of data transfer with virtually no-latency*
- *Industrial ports (Discrete I/O, A/D, D/A, RS232, RS485, Ethernet, Relay Output)*

Design Capabilities: Design, Develop, Industry Testing & Manufacturing Product, Systems & Prototype Engineering,

Create the exact or improved parts, starting from an existing product that needs to be replaced.

WirelessKable solutions is based on current technology that can replace the existing functionality in a reliable manner.

Our designs are also compliant with applicable aerospace and military regulations.

- Software Architecture
- Embedded Architecture (CPLD, FPGA, μ C, SoCs, SoMs)
- Aerospace And Military Grade Design
- Zynq, Spartan, Cool runner II, TI, ST μ C
- Electronic Architecture Design and Production
- Electronic and Electromechanical Test JIGs