CabinEdge-2™
A content loader from the Summit line

The CabinEdge-2 content loader supports network delivery of Inflight Entertainment (IFE) content. The CabinEdge solution is designed to make the loading and management of IFE content simple, straightforward and inexpensive.

The CabinEdge-2 product is a Solid State Drive Content Loader (SSDCL) with a SATA Based Removable SSD Module with up to 7.6TB SSD storage. The product loads digitally stored, encrypted content in the background in an unattended fashion.

Simply installing the SSD and closing the interface door automatically sends the signal to the onboard software to "mount" the drives and begin the process of loading content to the front end server.

The CabinEdge-2 SSDCL is designed using industry leading technology and is suitable for use with existing IFEC systems or for installation of a new system utilizing other components from the Summit line.

The CabinEdge-2 SSDCL has an available desk/rack mounted content loading station that is capable of managing the content loading of up to twelve RSSD modules simultaneously.

Product Features

Processor	Intel Atom E3805 dual-core @ 1.33GHz
SDRAM	2GB DDR3
Internal Mass Storage	4 GB eMMC 1x 128 GB (micro-SD Card)
Front Panel I/O Content Loading Serial Console SIM USB	1x Removable SSD module 1x GbE (RJ45) 1x USB 2.0 (micro-USB) 2x SIM Slots for Cellular Support 1x USB 3.0 (Type A)
Rear Panel I/O LAN Input Power Cellular RF	2 x 1Gb Ethernet (EN4165) 28VDC (Nominal) and 2x Discrete Input (EN4165) 2x (SMA)
Cellular Modem	4G/LTE
LED Indicators	3x LEDs for Power, LAN, and Cellular Activity
Input Power	18-32 VDC (≤20W)
Operating System	Linux
Mechanical	ARINC 836-2-7
Weight	4.0 Lbs Max

Additional Images

RSSD Module

SSD Duplicator

CONNECTIVITY & DATA SOLUTIONS
Astronics CSC reserves the right to make changes to the Specification and its products at any time without notice

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Outline Dimensions

in inches
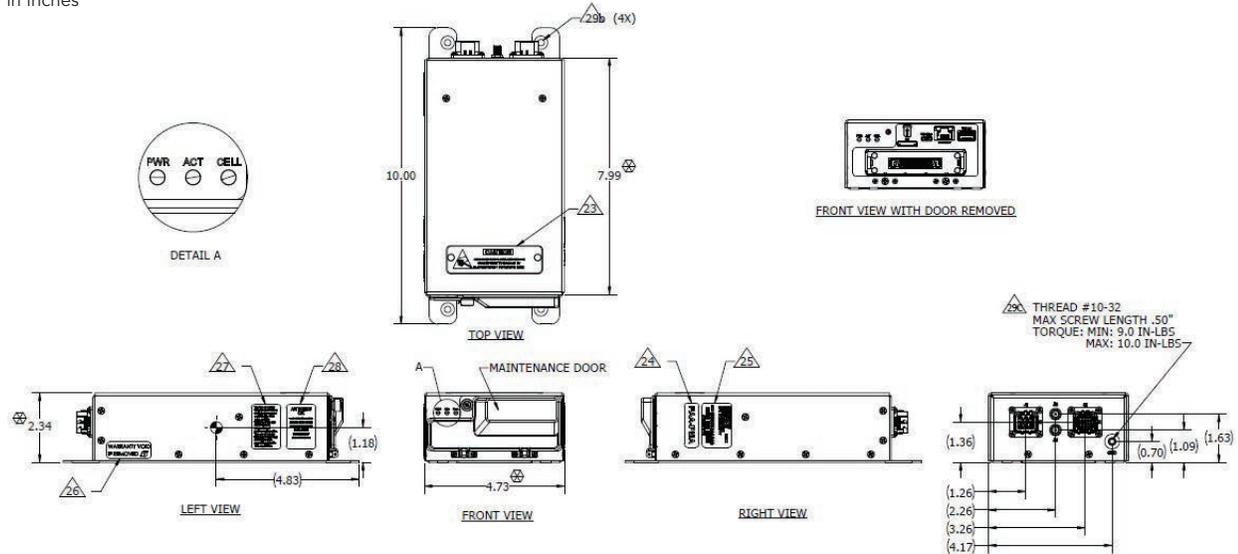
Environmental/EMI Test Requirements

DESCRIPTION	SECTION	RTCA/DO-160G CATEGORY
Temperature	Section 4	Category A4
Altitude and Overpressure	Section 4	Category A4
Temperature Variation	Section 5	Category C
Humidity	Section 6	Category A1
Operational Shock / Crash Safety	Section 7	Category B
Vibration	Section 8	Category S (Curve B)
Explosion Proofness	Section 9	N/A
Waterproofness	Section 10	N/A
Fluids Susceptibility	Section 11	N/A
Sand and Dust	Section 12	N/A
Fungus Resistance	Section 13	N/A
Salt Spray	Section 14	N/A
Magnetic Effect	Section 15	Category Z
Power Input	Section 16	DC, Category A
Voltage Spike	Section 17	N/A
Audio Frequency Conducted Susceptibility - Power Inputs	Section 18	N/A
Induced Signal Susceptibility	Section 19	N/A
Radio Frequency Susceptibility (Radiated & Conducted)	Section 20	N/A
Emissions of Radio Frequency Energy	Section 21	Category M
Lightning-Induced Transient	Section 22	N/A
Electrostatic Discharge	Section 25	Category A
Fire / Flammability	Section 26	14 CFR Section 25.853(A) and 14 CFR Section 25.869(A)(4)