



VENUE SMART MONITOR

BUILDING THE FOUNDATION

Technology designed with the future in mind

Collins Aerospace advanced, future-ready cabin technology is more than just a monitor upgrade. Our family of 4K-capable, ultra high-definition (UHD) smart monitors are the backbone of the passenger experience. They combine the latest 4K display technology with built-in computing power and agility to incorporate future consumer technologies seamlessly into your cabin.

These smart monitors are the foundation of our Venue™ cabin management system that provide a pristine 4K viewing experience, industry-leading Airshow® Moving Maps and audio/video on-demand (AVOD) entertainment options, all in one monitor.

With an enhanced intuitive user experience and seamless wireless passenger control options, our smart monitor enables familiar at-home capabilities for your cabin.

This versatile monitor is available in multiple sizes with two touchscreen options and resolutions. It has been designed to not only function within the Venue system, but as a standalone in-flight entertainment (IFE) solution with a roadmap to integrate cabin controls in the future. Venue smart monitors featuring Airshow® unlock the full cabin experience potential – a game changer for business aircraft of various sizes and life stages.

KEY FEATURES & BENEFITS

- All-in-one solution
- HD Airshow built in*
- reduces system weight
- 4K UHD capable
- Seamless wireless passenger control
- Enhanced graphical user interface
- Bulkhead and galley touchscreen options
- 4TB SSD storage (optional)

**Additional license fee required*

FUTURE FEATURES & BENEFITS

– Inquire for schedule

- Standalone Airshow/AVOD smart monitor
- Streamlined installation reduces downtime and cost
- Hosting platform for future streaming solutions

With an optional four-terabyte solid-state storage drive built into the display, you can future-proof your cabin to ensure plenty of local storage for carry-on personal content and digital rights management-compliant AVOD entertainment. Multiple input ports make interfacing to state-of-the-art commercial, home-like equipment seamless and easy. The smart monitor is equipped to incorporate future streaming and casting capabilities.

More than just a display, Venue smart monitors enhance the cabin experience and pave the way for simplified future upgrades. Unlock the full potential of your passenger experience with a Collins cabin.



TECHNICAL SPECIFICATIONS | MODEL BDU-XX00

Features

- 4K resolution capable LCD
- 60 Hz refresh rate
- Full multi-touch support (10.1 and 15.6" sizes)
- 4TB internal solid state drive (optional)
- Passively cooled
- Bluetooth 5.1 provisioned
- DO-160G certified
- 28 VDC power

Control Inputs/Outputs:

- 100 Base T single pair ethernet (x2)
- 2.5 GB ethernet (x2)
- Discrete input (x8)
- Discrete output (x4)
- RS-232 (x2)
- RS-485 (x2)
- ARINC 429 In (x2)
- ARINC 429 Out (x1)
- USB-C (x1) - for data management
- USB-A (x1) - for data management

Audio/Video I/O:

- HDMI 2.0 In (x1) HDCP compliant
- 3G SDI In (x2)
- Analog audio In (x1)
- Analog audio Out (x1)

AVAILABLE IN MULTIPLE SIZES

	Unit Dimensions			Resolution	Touchscreen
	Width	Height	Depth		
BDU-1000 – 10.1"	10.6"	6.7"	1.39"	1920p x 1200p	Y
BDU-1500 – 15.6"	15.32"	9.45"	1.38"	3840p x 2160p	Y
BDU-1800 – 18"	17.5"	10.68"	1.49"	3840p x 2160p	N
BDU-2200 – 22"	20.02"	12.88"	1.76"	1920p x 1080p	N
BDU-2400 – 24"	22.4"	13.75"	1.69"	3840p x 2160p	N

Specifications subject to change without notice.



COLLINS AEROSPACE

800.321.2223 | +1.319.295.5100
 avionicsmarketing@collins.com
 collinsaerospace.com