



A complete IFE system in a single low-cost unit.

Streaming video - on demand - to passenger devices.

Integrated 3D moving map and customized applications.

Simple installation – fast and easy upgrade.

2 Ultra-thin UHD OLED Smart Monitors



Thin, light weight touchscreen monitors install from front.

Bright, high contrast OLED with 1.07B colors.

Multiple sizes to fit every aircraft.

High Performance Entertainment Server

2TB of NVME storage, enough for hundreds of HD movies.

Media can also be played directly from USB storage devices.

Integrated with the aircraft's avionics for moving map applications.



High Speed 802.11ax Cabin Wireless



Next-generation 802.11ax wireless access point and router.

Media streamed to over 70 personal devices at the same time.

3x faster speeds and lower latency.

Lightning-Fast Cellular Modem

5G cellular modem for cost effective data transfer and remote media loading.

Automatic software updating.

Remote health monitoring and troubleshooting.



Applications



HTML 5 passenger portal to all applications without special software.

Play audio and video media on personal devices.

3D flight information application, also supports all major moving maps.

Control Cabin Functions

Lighting

Window Shades

Environmental Systems

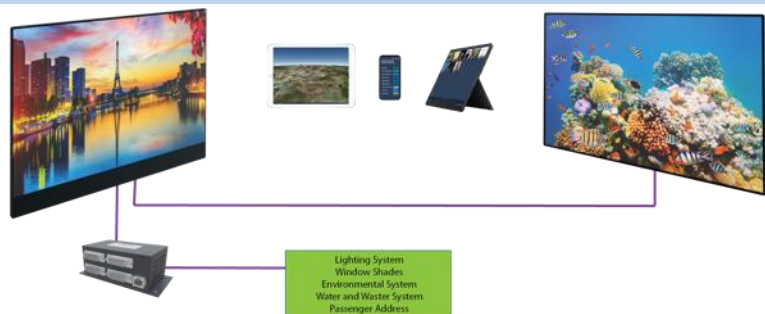
Water and Waste Indications

Passenger Address

Attendant Call

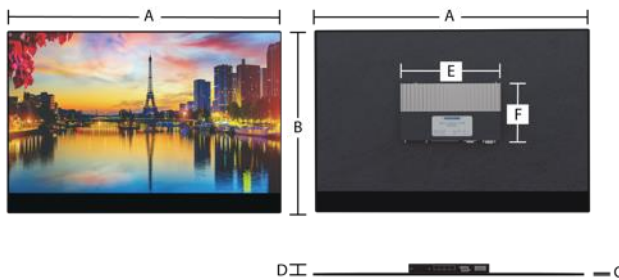
System **Weight** - < 9.9 lbs.

System **Power** - < 4.1 A at 28 vdc

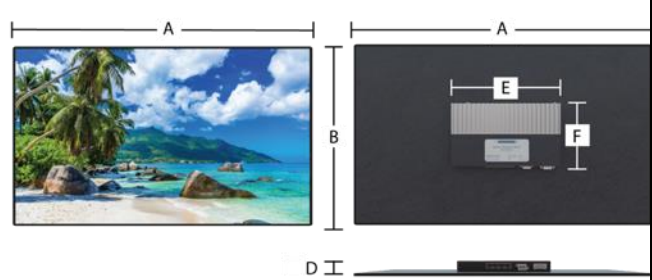


Technical Descriptions

All in One Monitor – RS-30XX-01



Bulkhead Monitor – RS-31XX-01



Dimensions (in)

	<u>RS-3024-01</u>	<u>RS-3027-01</u>
Width (A)	22.0	24.0
Height (B)	15.2	15.7
Panel Depth (C)	.25	.25
Electronics Depth (D)	.75	.75
Electronics Width (E)	8.2	8.2
Electronics Height (F)	5.0	5.0

Weight

3.8 lbs. 4.8 lbs.

Power

1.8 A at 28 V_{DC} 2.1 A at 28 V_{DC}

Video Performance

Composition	OLED	OLED
Resolution (Pixels)	3840 x 2160	3840 x 2160
Aspect Ratio	16 x 9	16 x 9
Brightness (Cd/M ²)	500	540
Contrast	1000000:1	1000000:1
View Angles	89/89/89	89/89/89
Colors	1.07B	1.07B
Refresh Rate	60 Hz	60 Hz

RS-3124-01

Width (A)	22.0
Height (B)	13.2
Panel Depth (C)	.25
Electronics Depth (D)	.75
Electronics Width (E)	8.2
Electronics Height (F)	5.0

RS-3127-01

Width (A)	24.0
Height (B)	13.7
Panel Depth (C)	.25
Electronics Depth (D)	.75
Electronics Width (E)	8.2
Electronics Height (F)	5.0

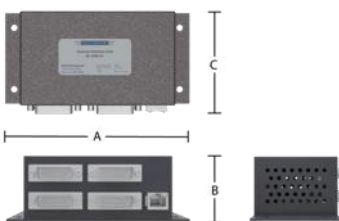
3.1 lbs.

4.0 lbs.

1.5 A at 28 V_{DC}

1.9 A at 28 V_{DC}

External Interface Unit – RS-5000-01



Dimensions (in)

Width (A)	4.3
Height (B)	3.5
Depth (C)	1.9

Weight

< 3 lbs.

Power

1.5 A @28vdc

Interfaces

1 Gb Ethernet port	1 ea.
Discrete Inputs	8 ea.
Discrete Outputs	8 ea.
RS 232	1 ea.
RS 429	4 ea.
RS 485	1 ea.
Can Bus	2 ea.
High Current Relays	8 ea.
Digital Potentiometers	2 ea.

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