



Fact Sheet

AVDU-2655

10.4" Multi-function Mission Display

- ◆ High brightness, high-resolution rugged display
- ◆ Perfect dimming control for night time and low light missions
- ◆ NVG compatibility (option)
- ◆ Touch screen interface (option)
- ◆ Flexible installation design
- ◆ Multiple video inputs
- ◆ VGA (PC or graphics) inputs
- ◆ High-definition (HD) video inputs and outputs
- ◆ Signal matrix flexibility
- ◆ Remote aircraft dimming control
- ◆ Picture-in-Picture mode
- ◆ Picture-by-Picture mode



The AVDU-2655 is the latest in our lineup of 10.4" multi-function mission displays and has been designed to offer the most comprehensive range of functions available in such a compact unit. Building on the industry-leading flexibility of our standard displays, the AVDU-2655 offers the user additional functionality usually associated with much larger displays or video management systems, including a comprehensive video input/output matrix allowing for a significant number of different signals and signal types to be both displayed and distributed from the display to other equipment.

Thanks to the versatile design of the input and output matrix, the AVDU-2655 is ideally suited to multiple applications and offers aircraft integrators and manufacturers the opportunity to design and approve one single product part number to meet the requirements of various aircraft configurations, thereby saving future design and certification costs.

Learn More

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AVDU-2655

Table 1: General Specifications

Physical	
Dimensions	250 mm x 200 mm x 75 mm 9.84" x 7.87" x 2.95" (not including connectors)
Weight	<3.7 kg/8.16 lbs
Video and Graphic Signals	
Video Input Standards	<ul style="list-style-type: none"> Composite video S-Video (Y/C) Component video (YCbCr) or RGB Video or STANAG 3350/B/C (default)
Graphic Formats Supported	Standard VESA VGA, SVGA, XGA, SXGA & UXGA (scaled)
Serial Digital HD/SD Video	Two BNC HD-SDI input connectors The inputs can accept either of the following signal formats <ul style="list-style-type: none"> HD-SDI - SMPTE-292M and ITU-R BT.709-4 (720p, 1080i) 1.485 Gbits/s; or SD-SDI - SMPTE-259M and ITU-R BT.656 16-bit 4:2:2 standards 270 Mbits/s (480i, 576i)
Performance	
Display Resolution	1024 x 768 (XGA)
Power	28 VDC
Power Consumption	65 W (option dependant)
Other	
Qualified to EUROCAE/ED-14D and RTCA/DO-160D	

Table 2: Part Numbering and Available Options

Part Number	Description
AVDU	Indicates that the product is a display (Advanced Visual Display Unit)
26	Screen diagonal in cm (approximate)
55	This denotes the variant of the display in this series
xx	This denotes the type of front screen fitted: 01: Glass Anti-reflective coated (A/R) CCFL Day only illumination 02: Glass Anti-reflective coated (A/R) LED Day (White)/NVG (Green) illumination 03: Polycarbonate Anti-reflective coated (A/R) CCFL Day only illumination 04: Polycarbonate Anti-reflective coated (A/R) LED Day (White)/NVG (Green) illumination 51: Touch screen - CCFL Day only illumination 52: Touch screen - LED Day (White)/NVG (Green) illumination
yy	This denotes the configuration of keys and controls. Before this number can be assigned the keys requirements should be discussed with your Curtiss-Wright Controls Embedded Computing sales person.