TELEDYNE CONTROLS
A Teledyne Technologies Company

AvVisor®
CABIN INFORMATION SYSTEMS

BENEFITS

- Latest AMLCD digital display technology provides crystal clear high-resolution visibility
- Worldwide moving maps offer accurate, real-time information for situational awareness
- Automatic and enhanced safety briefing option promotes greater safety awareness in the cabin
- Keeping passengers informed reduces cockpit workload and enhances overall flight safety
- Multiple screen sizes allow owner to optimize cabin placement for easy viewing
- Fewer components mean quicker installation, easier integration and support, and reduced inventory
- Sixth-generation technology provides a risk-free purchasing decision

Simple, Functional, Affordable

Featuring high-end digital technology, Teledyne Controls' AvVisor® and AvVisor® *Plus* systems provide flexible and easy to read cabin information solutions for real-time flight data and worldwide moving map display. These sixth-generation systems offer superior performance and display, with perfect clarity, a wide range of streaming information to your passengers, allowing your flight crew to stay focused in the cockpit.

The AvVisor® system reads flight data from the aircraft bus, and displays, in real-time, information selected by the viewer, such as time to destination, distance traveled, groundspeed, altitude, etc. With the AvVisor® solution, you can also welcome your passengers aboard and keep them informed while in flight, by displaying customized screen graphics. These graphics can be changed easily, as often as you want, with built-in configuration software. The information can be displayed in one or multiple line formats, and in any order.

In addition to providing passengers with accurate real-time flight data, the AvVisor® *Plus* system also displays moving maps showing the aircraft's position. In order to track the aircraft's progress in real time, users can select map zoom levels. The AvVisor® *Plus* system also has the capability to display customized graphics as well as integrate Microsoft PowerPoint® presentations and video clips, providing an opportunity for in-flight presentations.

The AvVisor® full-color, full-motion Active Matrix Liquid Crystal Displays (AMLCD) come in a variety of sizes, ranging from compact 6.4-inch to impressive 10.4-inch units. Interfaces include ARINC 429, RS-232/RS-422, Analog and Ethernet. AvVisor® systems are certified on many different aircraft types, and all system components are PMA'd - they are easy to install and provide a risk-free procurement solution.

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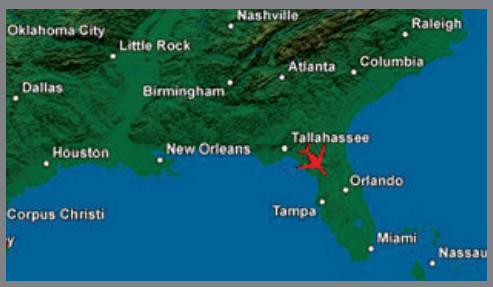
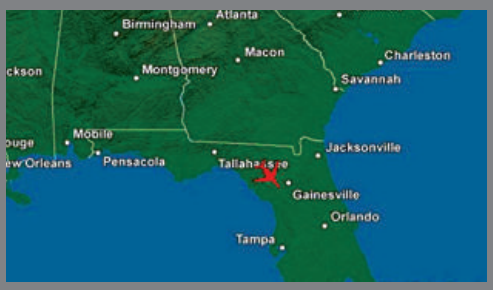
CUTTING-EDGE FEATURES FOR MAXIMUM FLEXIBILITY

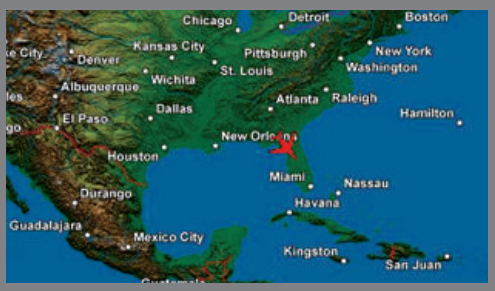
- High resolution digital video signal
- Full-color VGA Active Matrix Liquid Crystal Display (AMLCD)
- Topographical worldwide moving maps included with AvVisor® *Plus* system
- On-command video clip presentations and file storage
- Real-time flight data
- Easy customization of the information to be displayed in flight
- User customizable graphics
- Capable of displaying Microsoft PowerPoint® presentations
- Remote control
- Simple onboard aircraft system configuration
- ARINC 429/419
- Four spare discrete cockpit inputs (to use for images or video clips)
- Display sizes available: 10.4",8.4", or 6.4"
- Processor unit: 2.9"x 5.38"x 10.75" / 74 x 137 x 273 mm
- Power requirements: 14-32 VDC (28 VDC nominal)
- Supports major digital air data and FMS labels
- Flush or surface mount
- Certification: FAA,DO-160D tested and PMA/STC approved

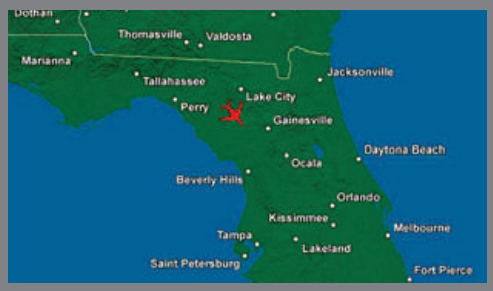
AvVisor® *Plus* MOVING MAPS

AvVisor® *Plus* moving maps keep passengers aware of the aircraft's position. Users can select map zoom levels to track the aircraft's progress with varying levels of geographic detail.









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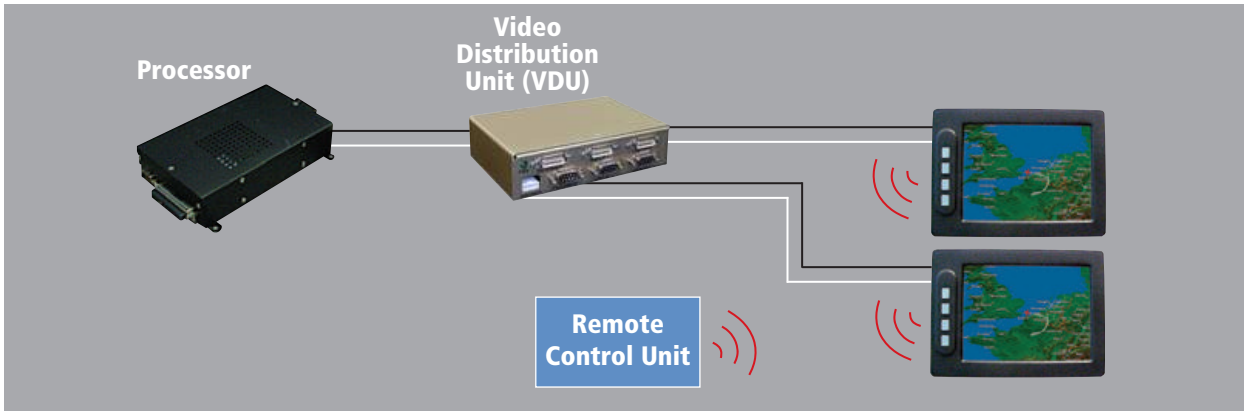
AvVisor® Plus
VIDEO DISTRIBUTION UNIT (VDU)

Maximize the power of your AvVisor® *Plus* cabin information system, with multiple display units

An optional part of Teledyne's AvVisor® *Plus* system, the Video Distribution Unit (VDU) allows video information to be displayed simultaneously on multiple display units, adding more flexibility to the system. Thanks to the VDU, cabin passengers can watch from different locations all the information made available by the AvVisor® *Plus* system, such as moving maps, air data information, graphics, video clips or PowerPoint presentations.

The VDU connects to the AvVisor® processor and acts as a repeater to transmit the digital video stream to the display units. Multiple VDUs may be utilized for installations requiring four or more displays. The VDU may be mounted directly via mounting holes or utilize mounting brackets.



GENERAL SPECIFICATIONS

- Dimensions: 6.0" H x 1.6" W x 4.0" D 152 x 41 x 102 mm
- Weight: 1.4 lbs / 0.63 kg
- Power: 18-32.2 VDC - 28VDC nominal
- Power Consumption: Less than 38Watts with 2 DUs
- Environmental qualifications: RTCA/DO-160E
- P/N: 35020-003

FEATURES AND BENEFITS

- Distributes video and map information
- Simultaneous control and display
- Reduced weight
- Easy installation

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