



iCan Screen 6.5"

6.5" Display - TFT Color LCD



iCan Screen 6.5" is a multi-purpose ruggedized display specially designed for avionics applications. Customizable HMI software can be developed according to your specifications and then downloaded into the display. Several displays can be chained without any additional device (e.g. one external IP camera displayed on all screens), and one storage media can be shared by multiple displays.

External camera can be powered using 12 VDC output or Ethernet POE.

This equipment can be installed in the cockpit and cabin areas and is designed to be easily integrated into In-Flight Entertainment and Cabin Management Systems for Cockpit Door Surveillance System (CDSS), full cabin control, or displaying multimedia and camera contents.

Tactile buttons with force feedback and a luminosity sensor enable to manually or automatically control the brightness of the screen and to secure operations during the flight.

iCan Screen 13.3" is also DO254/DO178-C certifiable.



Interfaces

- 1 x HD-SDI 75 Ohm video input
- 1 x NTSC Differential 100 Ohm video input
- 2 x Ethernet 1000 Mbit/s POE 802.3 af
- 1 x NTSC Differential 100 Ohm video output
- Reading media contents: 1 x USB and 1 x internal SD Card
- Rear connector : DMM Micro-connector 47 pins
- Luminosity sensor
- Tactile buttons : - Luminosity + / -
- One programmable button

Physical specifications

- Size (LxHxD mm): 174 x 160 x 37.7
- Weight (g): 1110 (+/- 100g)

Display

- Diagonal size: 6.5" (17 cm)
- Resolution: 1024 x 768 pixels
- Technology: XGA - TFT Color LCD
- Colors : 16 Millions
- Luminosity: 600 Cd/m²
- Contrast ratio: 600:1
- Viewing angle: Horizontal 80°/80°,
Vertical 80°/60°

Miscellaneous

- Power supply: 12 VDC to 32 VDC
- Power consumption: 16 W max
- Temp. Range: -15°C / +55°C (functional)
- Processor: Apalis iMX6 - 2 GB
- Operating System: Linux Angstrom
- Qualification: RTCA DO-160G
- Certifiable: DO254, DO178-C (DAL D)
- Touch Display: Resistive

More information

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- www.oxytronic.fr

