

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



Main Features

- 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.
- Tactile buttons with force feedback and a luminosity sensor enable to control the brightness of the screen manually or automatically and to secure operations during the flight
- iCan Screen 6,5" 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
Power/On off button
Tactile buttons : - Luminosity + / -
- One programmable button

Physical specifications

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

Typical application

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

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
Painting: Blue Grey (on the front casing)

More Information

info@oxytronic.fr
www.oxytronic.fr

