

# iCan Screen 13,3"

## 13,3" full HD Display - TFT Color LCD

iCan Screen 13.3" 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.
- User can select the video source and display up to 4 different sources on one screen.
- 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

### 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 (LxWxH mm):** 353 x 200 x 37.7  
**Weight (kg):** 2,35 (+/- 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:** 13,3" (33,78cm)  
**Resolution:** 1920 x 1080 pixels (FHD)  
**Technology:** TFT Color LCD  
**Colors:** 16 Millions  
**Luminosity:** 400 Cd/m<sup>2</sup>  
**Contrast ratio:** 700:1 (500:1mini)  
**Viewing angle:** 140° or 170°

### Miscellaneous

**Power supply:** 17 VDC to 32 VDC  
**Power consumption:** 26 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:** Option

### More information

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[www.oxytronic.fr](http://www.oxytronic.fr)

