



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. 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 and a luminosity sensor enable to manually or automatically control the brightness of the screen.

The product is designed to be easily integrated into In-Flight Entertainment applications and Cabin Management Systems like cabin surveillance, full cabin control, or displaying multimedia contents.

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



Display

| | |
|-----------------|--------------------------|
| Diagonal size: | 13.3" (33.78 cm) |
| Resolution: | 1920 x 1080 pixels (FHD) |
| Technology: | TFT Color LCD |
| Colors: | 16 millions |
| Luminosity: | 400 Cd/m ² |
| Contrast ratio: | 700:1 (500:1 min.) |
| Viewing angle: | 140° or 170° |

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

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 |

Physical specifications

| | |
|------------------|--------------------|
| Size (LxHxD mm): | 353 x 200 x 37.7 |
| Weight (kg): | 2.35 (+ / - 0.1kg) |

More information

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