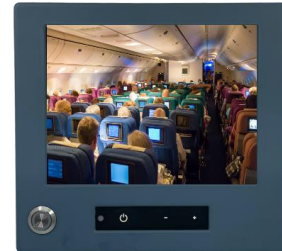# iCan Screen 6,5"

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. o ne 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/m^2
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

OXYTRONIC