iCan
Product Line

iCan Screen 7"

Retractable Display - TFT Color LCD
iCan Screen 7" is a multi-purpose
ruggedized display specially designed
for avionics applications.

Main Features

iCan Screen 7" is a ruggedized retractable display specially designed for viewing multimedia contents (videos, moving map...) in the aircraft. Customizable software can be developed according to your specifications and then downloaded into the display.
Product provides a multi-format video player (MP4, AVI...) and direct analog input sources. It is designed to be easily integrated into an iCan Systems® architecture for In-Flight Entertainment applications.

iCan Screen 7" is cushioned and equipped with an anti-glare system, providing a great visual comfort during flight.

Interfaces

1 x Ethernet 10/100 BaseT
1 x CAN 2.0
1 x USB 2.0
1 x VGA input
1 x S-Video input
1 x CVBS input
3 x LVDS inputs (optional)
1 x stereo analog output (audio)
Rear connector : Nicomatic D222SL42DXX

Physical specifications

Size (LxWxH mm):	195,6 x 200 x 46,5
Weight (g):	1500

Typical application

- It is designed to be easily integrated into
  - In-Flight Entertainment,
  - displaying multimedia

Display

Diagonal size:	7" (17,8cm)
Resolution:	800 x 480 pixels (FHD)
Technology:	WVGA - TFT Color LCD
Luminosity:	550 Cd/m^2
Contrast ratio:	800:1
Viewing angle:	Horizontal 80°/80°
	Vertical 80°/80°
Touch panel:	Resistive

Miscellaneous

Power supply:	12 VDC to 32 VDC
Power consumption:	25 W max
Temp. Range:	-20°C / +70°C (functional)
Processor:	Nvidia Tegra 3
Operating System:	Linux (or Windows CE 7 on demand)
Qualification:	RTCA DO-160G

More information

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