OTONOMY AVIATION

DISPLAY 13.3”

HIGH DEFINITION VIDEO MONITOR

MAIN FEATURES

- Light weight and easily installed
- Compatible with all cameras and computers

TRUE HIGH DEFINITION DISPLAY

COCKPIT OR CABIN MOUNTED

CAN BE USED FOR DIRECT VIEW

DESCRIPTION

Display 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 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 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.
Screen 13.3» is also D0254/D0178-C certifiable.

1080 HD

DISPLAY 13.3”

VIDEO MONITOR

SPECIFICATIONS

MECHANICAL

Display:
Size: (LxHxD mm): 353 x 200 x 37.7
Technology: TFT color LCD
Resolution: 1920x1080 pixels (FHD)
Luminosity: 400 Cd/m2
Viewing angle: 140° or 170°

Interface:
1x HD-SDI 75 Ohm video input
1x NTSC Differential 100 Ohm video input and 1x output 2x Ethernet 1000 Mbit/s – POE 802.3 af

Reading media contents:
1x USB and 1x internal SD Card

Weight
2350 g

SPECIFICATIONS

ELECTRICAL

Power supply:
17 VDC to 32 VDC

Consumption:
26W max

Processor:
Apalis iMX6 – 2 GB

Rear media contents:
DMM Micro-connector 47 pins

Operating system:
Linux Angstrom

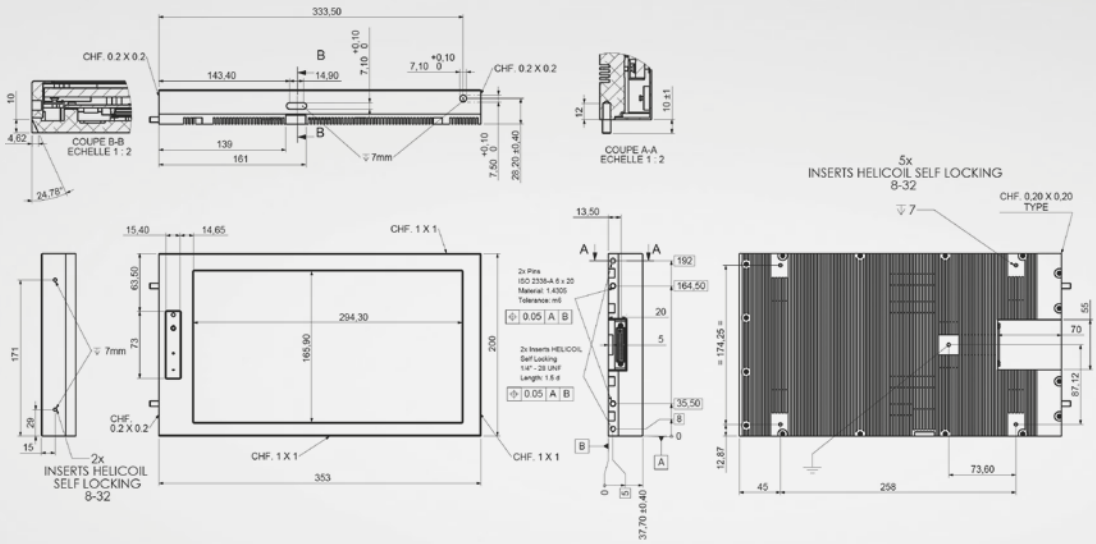
Qualification:
RTCA DO-160G

Certifiable:
DO254, DO178-C (DAL D)

QUALIFICATION RTCA DO 160 G - TEST SECTION

TECHNICAL DRAWING

PE016202_ICD



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