



FUTURIS

XD104-ETH Multi Input Monitor

3-input ethernet videos from thermal or day camera sources can be displayed simultaneously using rugged XD104-ETH monitor.

XD104-ETH has superior image quality with 1024x768 resolution and 24-bit color depth LCD display.

Operator can watch up to 3 thermal or day cameras installed on the vehicle real-time, by choosing between different screen layouts. XD104-ETH is the smart choice for situational awareness applications for armoured vehicles. XD104-ETH is mount-compatible as mechanical interface with legacy DVE monitors.

I/O Connections

- Ethernet –10/100/1000Base-T x3
- Serial –RS422 x1, Debug UART x1, CANBus x1
- Analog Video Input x1
- Analog Video Output x1

Qualifications

- MIL-STD-1275D
- MIL-STD-461 EMI/EMC
- MIL-STD-810 Vibration/ Shock/ Low-High Temperature
- IP67 Compatible Mechanical Design
- Compatible with Legacy DVE Standards

Architecture

- Processor Core– Dual-core ARM Cortex-A9 MP-Core™ with CoreSight™, 766 MHz
- Programmable Logic – Artix-7 FPGA
- 2GByte RAM & 64GByte Flash





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Display

- 10.4" 1024 x 768 LCD Panel
- 500 Nits
- 1000:1 Contrast Ratio
- Wide Viewing Angle 176° (H) x 176° (V)
- PAL/NTSC/RS-170 Analog Video Input (Optional)

Optional Additional I/O

- Ethernet – 10/100/1000Base-T x1
- VITA 57.1 FMC Connector

Enclosure

- Power – DC 28±5 Volt MIL-STD-1275D
- 15W Power Consumption (Heaters Off)
- 50W Power Consumption (Heaters On)
- 15W DC Power Output for External Cameras
- Dimensions – 267mm x 227mm x 81mm
- Weight – 2,80kg

