



FUTURIS

Rugged Image Processing Unit

Ultimate rugged video solution for a wide variety platforms. High processing power. Very flexible architecture via Nvidia GPU. The capabilities of FT000612 are as follows:

- It can take signals such as SDI, ethernet, analog video streaming from multiple camera sources.
- It can be simultaneously image merge, rotate and crop.
- It can transfer to other devices the created image to another format as SDI, ethernet or analog video signal in the desired.
- It can receive commands and transfer them to other devices via RS422, CANBus or Ethernet communication line.
- It can provide 12 Volt x3 outputs.

I/O Connections

- Ethernet – x8 10/100/1000Base-T
- Video Inputs
 - 3G-SDI x2
 - Analog Video x8
- Video Outputs
 - 3G-SDI x4
 - Analog Video x1
 - HDMI x1
- Serial – RS422 x1, CANBus x2

Optional Additional I/O

- Discrete Input x9
- Discrete Output x10
- 12 Volt DC Output (1A) x3





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EMC

- MIL-STD-461F, CE101 / CE102
- MIL-STD-461F, CS101 / CS114 / CS116
- MIL-STD-461F, RE101 / RE102
- MIL-STD-461F, RS101 / RS103

Qualifications

- MIL-STD-810G, Method 501.5 Procedure I
- MIL-STD-810G, Method 502.5 Procedure I
- MIL-STD-810G, Method 507.5 Procedure I
- MIL-STD-810F, Method 516.5 Procedure I

Enclosure

- Power – DC 28±5 Volt MIL-STD-1275E
- Power Consumption <30W
- Power Consumption (with NVIDIA – Idle) <45W
- Dimensions – 275mm x 250mm x 93mm
- Weight – 4kg

