



FUTURIS

Data/Video Recorder Unit for Defense Applications

Data/Video Recording Unit is a product that is created by 3 separate Sensor Units in 2 separate bands (MW and LW) and will record infrared (IR) video and target data sent from the ethernet interface to the Removable Memory Module. The FT000695 Data/Video Recording Unit can simultaneously record 6 Panoramic and 5 Magnified Video sources and Track Data or 2 RAW video that is 60 fps, 5 fps detection data and 5 fps track data. Also it can play back recorded video data. The recorded video data can be transferred from the 4TB 3Gbps Removable Memory Module to the computer via Ethernet or USB 3.0 interface.

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

Qualifications

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





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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



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

