

on-board front end audio video metadata to IP

GetStream

Applications

- Mission recorder
- Data Acquisition Systems
- Safety of Flight Telemetry
- System Integration

Functions

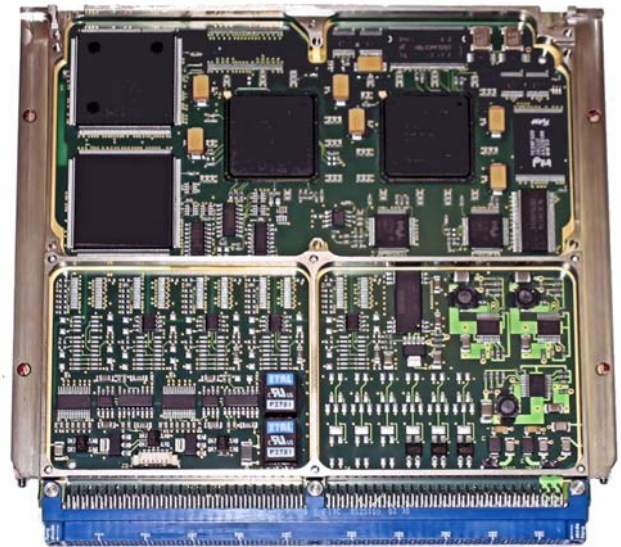
The GetStream card adds MPEG video/audio acquisition capability to Airborne Itélé Unit. The card provides MPEG-2 video compression of any one of eight video input channels and two stereo audio channels.

Effective video compression rate varies from 320Kbps to 20 Mbps according the video compression levels and the video resolution levels which are user programmable.

In addition, the card provides time code overlay with programmable position.

Environmental Specifications

- Format: 150x140 mm
- Low power : 6 W
- Operating temp. range: -40°C : +80°C
- IPC A 610 class 3
- GAM EG13B/AIR7306
- MIL STD 461 C, MIL STD 462



Features

- Inputs:
 - Standards: STANAG or SMPTE
 - Accepts 10 Components Video RGBs inputs
 - Four Video compressor compliant with MPEG-2 Main level (ISO compliant)
 - Resolution (Full D1, SIF, QSIF)
 - Low latency (sub 200 ms)
 - Two selectable stereo audio channels
- Programmable features include:
 - Pan and shrink
 - Tiling
 - Adjustable Video Compression Levels
 - Multiple Video Resolution Levels
 - Operation under format control or stand-alone
 - Provides embedded timecode in transport stream
- Output:
 - Ethernet 100 Mb/s output (FX, BT or CX).
 - UDP IP protocol
 - MPEG Transport Stream