Features

- Input: DVB-S, DVB-S2
- Output: Recorder Files streamed via IP
- Real time and scheduled recording of RF streams
- Records 100 Hours of H.264 SD or HD scheduled content from FTA satellite sources
- Receiving frequency: 950~2150 MHz
- Input level: -65~-25 dBm
- Symbol rates
  - DVB-S QPSK: 1 - 45 Msps
  - DVB-S2 8PSK/NBC QPSK: 2 - 33.6 Msps
- Carrier Capture Range: ±10 MHz
- Code rates
  - QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
  - 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10
- Supports data burst and tone burst
- Supports DiSEqC 2.0 and rotor
- Audio support: MPEG-2 Layer II Audio
- Optional version can simultaneously record two different channels
- DVB-T+T2 version available

Applications

- Retail stores, restaurants, trade shows – Play programs on schedule
- Record and store programs for archiving
- Engineering labs

Overview

DVB-S and DVB-S2 are the digital broadcast standards used for satellite broadcasting worldwide. DVB-S2 is the second generation of DVB-S, with enhanced modulation up to 32APSK.

Each satellite tuner sees one “transponder”. Each transponder can transfer 40-80 Mbps. This 40-80 Mbps is typically subdivided into 20-40 two Mbps programs.

The STREAMBUCKET™ DVB-S-S2/IP is a DVB-S and DVB-S2 (950-2150 MHz) transport stream recorder player. Given that the throughput of our SSD based system is 600 Gbytes per second we can simultaneously record 20-40 unencrypted streams.

The system records up to 100 hours of H.264 SD or HD content, on schedule. Recorded programs can be played back with time management via remote management.
### Sample of GUIs

**Select Satellite GUI**

**Scan Channels GUI**

**Record/Playback GUI**

### Inputs/Outputs

- **LAN**
- **WAN**
- **DVB-S/S2 Input**

(Either can be Used for IP)

### Specifications

#### DVB-S or DVB-S2 Input and Output

- **Receiving Frequency:** 950~2150 MHz
- **Channel Bandwidth:** 6/7/8 MHz RF Selectable
- **Modulation Type:** QPSK, 16QAM, 64QAM, 256QAM
- **FFT Mode:** 1K, 2K, 4K, 8K, 16K, 32K
- **Code Rate:** 75Ω (IEC-DIN male)
- **Guard Interval:** 1/4, 1/8, 1/16, 1/32, 1/64, 1/128, 19/128, 19/256
- **Input Connector:** F-type 75 Ohm Dual connector
- **Output Connector:** F-type 75 Ohm Dual connector

#### Administration

- **Access:** Web interface, ssh interface
- **SNMP:** Monitoring and alerts

#### CPU and Operating System

- **CPU:** Intel® Xeon® processor
- **OS:** DVEO embedded Linux® on SSD

#### Physical & Power

- **Size – 1 RU high:** 19 x 14.96 x 1.7 inches (W x D x H)
  483 x 380 x 43.4 mm (W x D x H)
- **Voltage:** 100-240V, 4-2A, 60-50 Hz, 220 watts
- **Operating Temperature:** 10°C to 35°C
- **Non-operating Humidity:** 20% to 90% non-condensing
- **Conformities:** UL, BSMI, CSA, FCC, CE, RoHS
- **Weight:** 15 lbs. (6.8 kg)

#### Security

- Ports security scanned to MIL requirements prior to shipment

### Ordering Information

- **STREAMBUCKET DVB-S-S2/IP**
- **STREAMBUCKET DVB-S-S2/IP 2Ch – Optional two channel version**
- **STREAMBUCKET DVB-T-T2/IP – DVB-T/DVB-T version**

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