

# CaptureBox



- ▶ **High-quality capturing in variety of compressions**
- ▶ **Automated RS-422 or Firewire VTR control with batch capturing lists**
- ▶ **Scheduled capturing of satellite feeds with automated channel switching**
- ▶ **File splitting based on duration**
- ▶ **Loudness/TruePeak audio meters are available for precise audio level fine-tuning**
- ▶ **Third-party traffic system capture log import**
- ▶ **Streaming live MPEG2 video through UDP (optional)**
- ▶ **Multi-channel audio capturing (optional)**
- ▶ **HD and HDV capturing (optional)**
- ▶ **Multi ingest channels in a single machine\*\***
- ▶ **SDK available for OEMs**

DVB®

Blackmagicdesign

DELTA CAST



**Universal Ingest:** Various ingest applications are made possible by the wide array of inputs provided - composite, component, firewire, SDI, ASI, LAN, HD-SDI.

**Cost-effective MPEG2 and H.264 Encoder:** Industry-unique unit with video inputs and live stream output. Perfect for many IPTV applications.

**VTR Remote Control:** RS-422 VTR control by Sony protocol and DV deck control is provided for automated batch capturing off tape. Any RS-422 to RS-232 converter (Addenda, Imagine Products, etc.) or even a proprietary conversion cable can be used for VTR control through the PC com port. Playback and shuttling is quite easy with convenient keyboard shortcuts.

**Batch and Scheduled Capturing:** Unlimited amount of clips from various tapes can be captured in a single session, sorted by tape ID and ascending timecode. Once the capture session is initiated, the only operator assistance needed will be to change tapes when prompted. Content coming from live sources such as satellite feeds can be automatically captured based on a schedule with single, daily or weekly reoccurrence. Optional switcher interface provides automated input channel switching when different channels are being recorded.

**Audio Loudness/TruePeak Meters:** Audio VU/peak levels can be monitored and corrected accordingly. Quite a useful feature for proper audio capturing when converting analogue audio into the digital domain.

**Use While Capturing(TDIR):** Ingested clips can be used for immediate editing or AirBox playout, before their capturing process is finished. This is particularly useful for sports events or Time Delay/Instant Replay applications.

**Multi-channel audio:** Professional videodeck audio outputs can all be captured in a single-pass capturing session. Clips then can be edited in any NLE system or played by AirBox for multi-language applications.

\*\*Number of possible channels depends on used input signals and hardware



## CAPTUREBOX SPECIFICATIONS

### Video

<b>Compression*</b>	MPEG2, DV, HDV, AVC/H.264, WMV/VC-1
<b>Format</b>	MPG; OpenDML AVI; M2T; TS; WMV
<b>Group-Of-Pictures (MPEG)</b>	I-frame only, Short GOP, Long GOP
<b>Bitrate*</b>	1-15 Mbit/sec with MPEG2 MP@ML 10-50 Mbit/sec with MPEG2 422P@ML 10 - 100 Mbit/sec with MPEG2 HD 25 Mbit/sec with HDV and DV 1-10 Mbit/sec AVC/H.264 1.3 - 8 Mbit/sec WMV9
<b>Color sampling*</b>	4:2:0 - MPEG2 Main Profile (incl.HDV) 4:2:2 - MPEG2 4:2:2 Profile 4:2:0 / 4:1:1 - DV at 25 Mbit/sec

### Audio

<b>Compression</b>	MPEG audio Layer2 AAC audio Windows Media Audio Uncompressed PCM
<b>Format*</b>	WAV, or multiplexed with video
<b>Bitrate</b>	192 - 384 kbit/sec
<b>Sampling*</b>	48 kHz

### Additional Requirements

<b>VTR Remote Control</b>	RS-422 to RS-232 converter unit or cable
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### Other Applicable Modules

<b>Streaming</b>	Live MPEG2 UDP streaming of incoming video
<b>PRO Option</b>	Automated input switching and GPI interface
<b>HD Option</b>	High Definition ingest from HD-SDI, ASI or firewire
<b>Multi-track Audio</b>	Multi-channel audio capturing
<b>AirBox</b>	Universal content payout
<b>DataBox</b>	Powerful content database
<b>SafeBox</b>	Automated content replication and removal
<b>AlarmBox</b>	Monitoring and management module
<b>QCBox</b>	Quality Control Measurement Module

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