MEDIABROADCASTER PRO FOR IPTV

MediaCAST MediaBroadcaster Pro is a chassis-based encoder ideal for streaming IPTV. MediaCAST MediaBroadcaster Pro provides live encoding, recording and broadcasting in H.264 format from SD to HD1080 quality.

OVERVIEW

MediaCAST MediaBroadcaster Pro for IPTV is a high-performance encoding and broadcasting device perfectly designed for the demands of enterprise IPTV delivery.

Designed to convert analog or digital video and audio into the latest H.264 high-quality streaming standard, MediaBroadcaster Pro creates video streams that are available for on-demand access and live broadcasting while recording.

MediaBroadcaster Pro features modular flexibility, allowing you to migrate from SD to HD as your needs change. With the ability to accept up to 4 SD or HD sources, MediaBroadcaster Pro maintains flexibility for years to come.

SUPERIOR AUDIO/VIDEO QUALITY

MediaBroadcaster Pro encodes SD and HD video into an H.264 stream and is IGMP v3 multicast and unicast capable. Simply plug a video source directly into the blades, plug into the network and start streaming real-time video across your network.

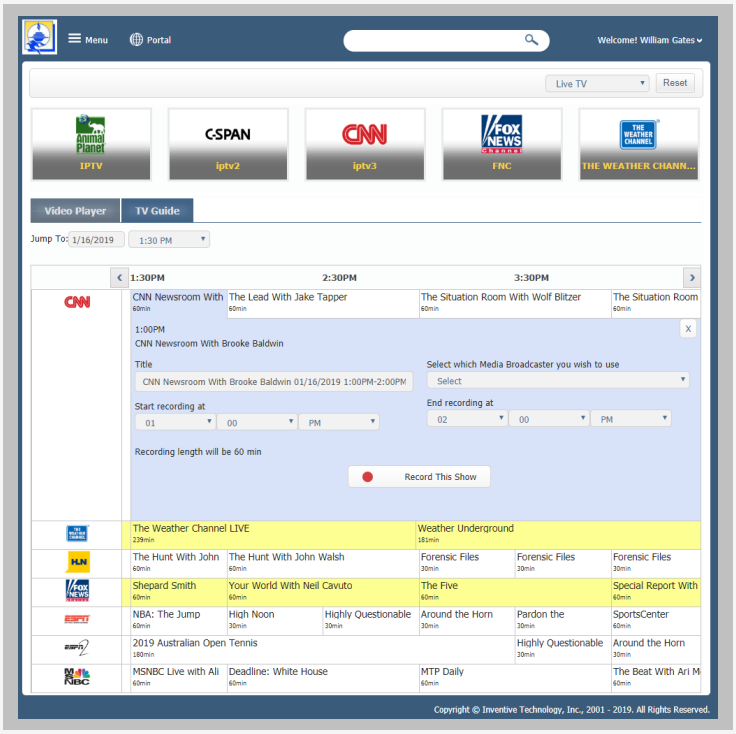
The MediaBroadcaster Pro model provides image resolutions configurable from 720x480 (DVD Quality) up to 1920x1080 (Full HD). Audio compression is AAC.

H.264 STANDARD

MediaBroadcaster Pro converts live video to the H.264 streaming format in real-time. H.264 is the preferred format for users looking to stream video to mobile devices and broadcast live over the internet and HD streams on the WAN/LAN.

This format allows users to expand the usability of their media, alleviate format incompatibility issues and maximize their mobile device storage capacity.

MediaBroadcaster Pro is used for multi-channel, high-quality live video broadcasting. The chassis design is field upgradeable to quickly add more channels and upgradeable from SD to HD.



MediaBroadcaster Pro Accessories:

* DTV-SHLF - Rack Shelf for Cable, Satellite or OTA Settops
* MCAST-LTVG - Live TV Channel Guide Setup
* MCAST-PRO-CONT-3 CH - 3 Channel Pro Control Kit for Cable Box Digital Tuner or VHS/DVD Deck. Allows three of total cable settops to be tunable.
* MCAST-PROG-CONT - Cable Receiver, Tuner or VHS/DVD Control Programming (Required for each model of device)
* COAXSPLIT-4 - Coax Splitter 4 Way & Cabling
* COAXSPLIT-8 - Coax Splitter 8 Way & Cabling

SPECIFICATIONS

Features
Standard 1RU 19” rack mounts
Superior Cooling – low power consumption and ample airflow ensure fail-safe thermal management
Redundant Power Supply Option ensures against equipment failures
Field Upgradeable to ensure future-proofing

Video Encoding
MPEG-4 /H.264 AVC

Stream Protocol
HTTP, RTSP,RTMP,UDP, HLS

Stream Quality
SD and HD up to 1920x 1080p AAC/MP3 audio
Simultaneous Unicast/Multicast per stream (16kps - 12Mbps)

Video Inputs
SD: BNC Composite and S-Video
HD: HDMI, Component or Composite input with BNC Connectors

Audio Inputs
SD: Balanced and Unbalanced
HD: Balanced and Unbalanced, RCA, HDMI

Capacity
Up to 8 single-slot SD H.264 encoder streams
Up to 4 double-slot HD H.264 encoder streams
Or a combination of both

Dimensions/Weight
11"(d) x 19"(w) x 1.5"(h)
485mm x 300mm x 40mm
5.5lbs

Power
AC Input: 100-220 V~ (VAC), **5w per channel**