

MEDIABROADCASTER PRO FOR IPTV

MediaCAST
by Inventive Technology

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 hold up to 17 SD encoder blades, 8 HD blades or a combination of SD and HD blades, 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 SD model provides image resolutions configurable from 720x480 (DVD Quality) down to 160x120. The HD model is capable of producing image resolutions from 480i to 720p HD with an option for 1080i. For both SD and HD, audio compression is AAC with an option for MPEG-1 Layer 2 audio for SD.

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 H.264 Chassis Models:

MCAST-MB-SDCH8 (8 SD H.264 Channel System)
MCAST-MB-SDCH17 (17 SD H.264 Channel System)
MCAST-ENC-SDCARD (Single SD H.264 Encoder Blade)
MCAST-MB-HDCH4 (4 HD H.264 Channels)
MCAST-MB-HDCH8 (8 HD H.264 Channel System)
MCAST-MB-SDHDCH4 (4 SD H.264 Channels
upgradable to HD)
MCAST-MB-SDHDCH8 (8 SD H.264 Channels
upgradable to HD)
MCAST-ENC-HDCARD (Single HD H.264 Encoder
Blade)
MCAST-ENC-HDCARD1 (HD H.264 Add-on Blade)

SPECIFICATIONS

Features

Standard 3RU 19" rack mounts
Convenient Orientation – blade insertion, cabling and indicators all face the front of the rack
Hot Swappable Blades
Superior Cooling – three fan ports and ample airflow ensure fail-safe thermal management
Redundant Power Supply Option ensures against equipment failures
Field Upgradeable to ensure future-proofing

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 17 single-slot SD H.264 encoder blades
Up to 8 double-slot HD H.264 blades or 8 SD upgradable to HD blades
Or a combination of both

Dimensions/Weight

9.5"(d) x 19"(w) x 5.25"(h)
241.3mm x 482.6mm x 133.4mm
2.5lbs

Power

AC Input: 100-240 V~ (VAC), 3A; 50-60 Hz