



PRODUCT DETAILS

The MBC-7000 series enables creation of a mosaic channel from a mixture of sources in a variety of layouts. Easy to deploy & configure. MBC-7000 creates a mosaic as HD or SD video stream, encoded and transmitted as standard H.264/MPEG-2 SPTS over IP, enabling remote management and very flexible installation topology.

FEATURES

- Flexible deployment, due to the unique mosaic over SPTS architecture. Mosaic streaming over regular LAN/WAN networks is available.
- Ability to mix variety of sources H.264/MPEG-2/HD/SD
- Flexible output stream bitrate, down to 1mbps for streaming over the internet
- Encoding at H.264 and MPEG-2
- Supports audio re-muxing of any audio format
- Fully customizable layouts, with user defined background
- Dynamic output layout cycling (Round Robin)

ORDERING INFORMATION

Base Device:

MBC-7000 Flexible license model

SPECIFICATIONS

Supported Video Compression Formats

MPEG-2 Video up to MP@5.1
H.264 Video up to Hi@4.1
Video aspect ratio 4:3 / 16:9
Color space YUV420, YUV422

Audio Layer Pass-Through

Audio codec MPEG2 / AAC / HE-AAC / A-52
Audio channel mode 1 / 1+1 / 2 / 5.1
Multiple audio PIDs up to 20 audio PIDs

Video Encoding

Video codec MPEG2 / H.264
Video encoding SD/HD
Video resolution..... 480i, 576i, 1080i
Video frame rate 25 / 29.97 / 30

Transport Protocols

Multicast & Unicast..... TS over UDP
TS over RTP

Notifications

SNMP Configurable SNMP TRAPS
SYS LOG Configurable sys-log notifications
SMTP Email notifications

Mosaic Layouts

User defined layouts 1-40 channels per layout
Round-robin Unlimited sources cycle
Caption User configurable channel caption
Inactive sources Transparent, visible background
layout editor via embedded web browser

Management

Web Complete configuration via web
Remote JSON WEB services
CLI Network & software management

Software Maintenance

Field upgradable via FTP
Configuration Export/Import to XML
Software Image Dual Image

Hardware Requirements

Operates on standard off the shelf hardware
Supported Servers DELL, HP, Intel, SuperMicro, Cisco
Installation No software installation required