



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
- User configurable 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

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