

The Indisys™ MPEG Gateway II is a powerful solution for acquiring, decoding and displaying network-connected video streams from a wide variety of camera and encoder vendors using industry standard compression and commonly supported protocols. The MPEG Gateway II is supplied in a 19" rack-mount chassis and uses standard high performance PC hardware. It includes enhanced custom developed software to simultaneously decode up to 16 D1 resolution streams and to provide a single DVI output to Indisys hubs and displays. The MPEG Gateway II is an indispensable addition to control room and other video wall applications in many markets including energy, security, transportation, and government. The MPEG Gateway II supports Planar's, "no compromise" source-to-pixel image quality to a wide range of IP connected source devices.



## FEATURES

### Industry Standard Compression

MPEG-1, MPEG-2, MPEG-4, H.264 streams  
ISO/IEC 13818-1UDP MPEG-TS

### Industry Standard Interfaces

RTP, RTSP and IGMP Multicast  
DVI output to Planar Integrated Systems

### Enhanced Simultaneously Decoding

Up to 16 D1, 48 CIF, or 96 QCIF images

### Synchronized Switching of Multiple Streams

NTP-based, multi-gateway time synchronization and dual image buffers

### Easy to Control from 3rd-Party Software

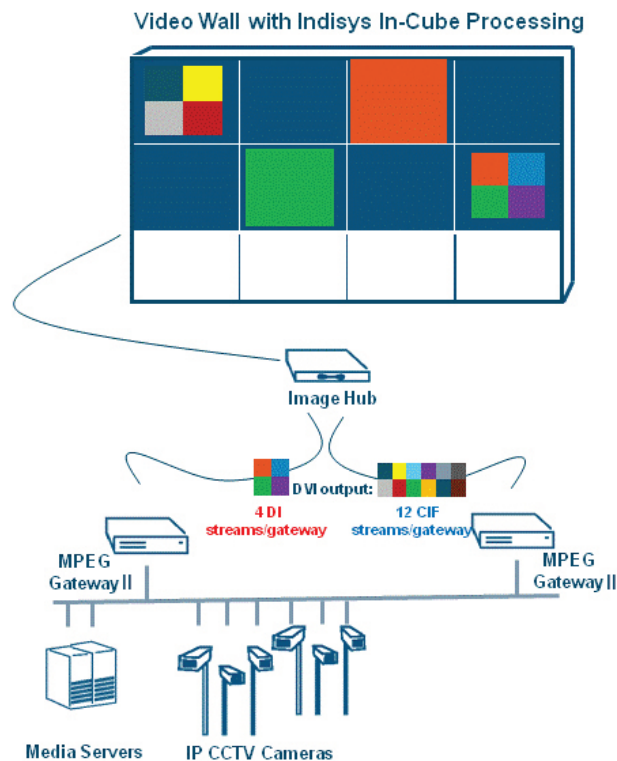
Well supported Indisys API

### Robust Network Interfaces

Isolates control traffic from streaming video with dual ethernet connections

## INDISYS IP VIDEO SOURCES

- MPEG streams are provided by network attached servers, cameras, and other network-resident devices.
- The MPEG Gateway II creates a matrix of incoming streams and displays that matrix as standard DVI digital video.
- Like any other DVI source, the MPEG Gateway II output can be processed through the Indisys system and displayed on the video wall.
- The entire image matrix, or any subset of the image matrix, can be displayed anywhere on any size wall.



## INDISYS IP VIDEO SOURCES

### Specifications:

**Input:** TCP/IP 10/100/1000baseT

**Supported formats:** MPEG-1, MPEG-2(ISO 13818-2), MPEG-4 (ISO 14496-2), MPEG-4 Part 10 (H.264)

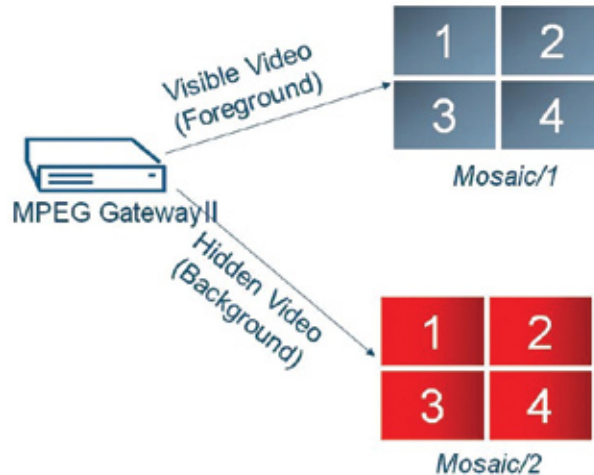
**Simultaneously decoded streams:** Up to 16 in Full D1, or 48 in CIF, or 96 in QCIF Resolution

**Output:** 1 24-bit true color DVI output

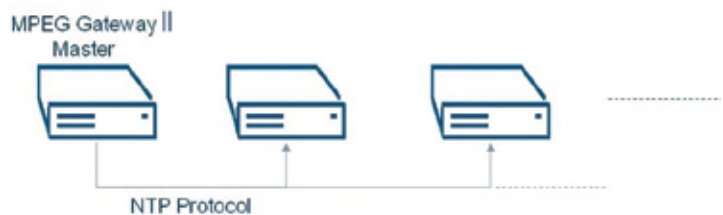
**Protocols:** TCP/IP, UDP, RTP, RTSP, IGMP, NTP, Indisys API

For more information

To learn about Indisys and the MPEG Gateway II, and to obtain a list of supported cameras and encoders call 503.748.1100 or visit [www.planarcontrolroom.com](http://www.planarcontrolroom.com)



Within the MPEG Gateway II, foreground and background images are created and can be alternated for high performance image cycling.



Using the standard Network Time Protocol, many MPEG Gateway II's may be synchronized to provide coordinated image cycling among a large number of MPEG sources.



When image experience matters.

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