

MEDIAPLAN i/o

PROFESSIONAL



MEDIAPLAN i/o PROFESSIONAL BENEFITS

**Expand use of
file-based workflows**

**Regionalize
digitalization process**

**Minimize transmission
and storage bandwidth
costs for HD video clips**

**Standardize encoding
and metadata authoring
formats**

**Seamlessly integrate
into COMPEL® networks**

WEGENER introduces a new line of content ingest tools for file-based workflow and broadcast solutions.

MediaPlan i/o Contributor and MediaPlan i/o Professional are advanced tools for encoding video files, translating existing digital files, metadata authoring, and the creation of robust digital assets, in preparation for use within WEGENER iPump media server networks.

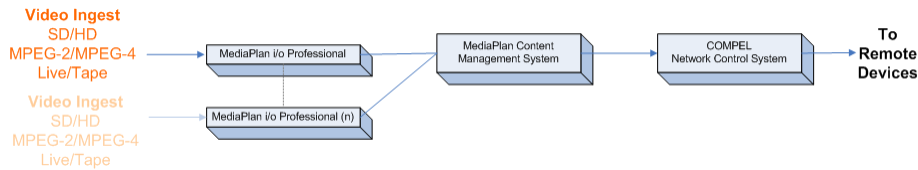
The MediaPlan™ i/o Professional encodes real time and tape based video into MPEG-2 files, and includes support for high definition video and MPEG-4 (H.264) video compression. The on-board video editor provides frame level 'trimming' and other manipulations to the digitized files, and a host of utility programs allow conversion from one file format to another. It allows operators to deliver very high quality video, while minimizing transmission and storage bandwidth. Each Professional station accepts video via a SDI/HDSDI interface. Audio is accepted in digital as well as analog form. MediaPlan i/o Professional also includes an upgraded, feature rich video editor.



WEGENER®

OPTIMIZING MEDIA DISTRIBUTION

MEDIAPLAN i/o PROFESSIONAL



TECHNICAL SPECIFICATIONS

VIDEO INPUT

Multi-Format HD-SDI 1 x (BNC)

AUDIO INPUTS

Embedded SDI 16 channels, 24-bit,
32/44.1/48 kHz
AES/EBU Stereo 4 x XLR female
(24-bit, 32/44.1/48/96 kHz)

SUPPORTED VIDEO FORMATS

HD 1080i, 1080p, 1080psf,
1035i, 720p
SD 480i (NTSC), 576i (PAL)
Pixel format 4:2:2 YCbCr
Recording/Playback 10-bit uncompressed
8-bit uncompressed

VIDEO PROCESSING

Encoding Formats: MPEG-1, MPEG-2, Windows Media 9,
SMPTE VC-1, MPEG-4, AVC (H.264), MPEG-2, Quicktime.
Format conversion: HD to SD, SD to HD, HD to HD
Motion adaptive de-interlacing
Motion adaptive 3D noise reduction
Horizontal and vertical filtering
Aspect ratio conversion
Cropping and scaling
Proc amp controls
Gamma correction

COMPUTER HARDWARE

3RU
Dual Dual-Core Xeon 5160 3.0 GHz
2GB RAM
80GB IDE system drive
8 drive bays
4x146GB U320 hot swap drives with on-board RAID
16xDVD RW +/-
Floppy drive
256MB Dual VGA graphics
Windows XP Pro

GPI (ON BREAKOUT BOX)

2 x RCA female (GPI inputs)
2 x RCA female (GPI outputs)

LTC (ON BREAKOUT BOX)

1 x XLR female (LTC input)
1 x XLR male (LTC output)

RS422 (ON BREAKOUT BOX)

1 x 9-pin D female (master RS422, for connection to a deck)
1 x 9-pin D female (slave RS422, for connection to an edit controller)

VTR CONTROL

Sony, JVC and Panasonic RS-422 serial VTR control

ETHERNET

Interface 2x (10/100/1000baseT)

WEB BROWSER

Application Internet Explorer
Versions 6 and 7

Features	MediaPlan® i/o Professional	MediaPlan® i/o Contributor
S-Video & Composite Video Input		X
SDI/HDSI Video Input	X	
SD video	X	X
HD video	X	
MPEG-2	X	X
MPEG-4/h.264	X	
Analog Audio Input	X	X
Digital Audio Input	X	
Video Editor	X	X
Video Diagnostics	X	X

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