Video

MAYAH's new IO [io] series encoders are taking MPEG-4 to the next level in terms of picture quality at full D1 PAL/NTSC resolution starting at 1.5 Mbit/s. The MPEG-4 ISMA-compliant stream is an "universal stream" covering broadcast, enterprise and webcasting applications. Best of all, the IO [io] series products are IP-based, saving you thousands of $/Eur per month.

Call or email for free evaluation.

Phone: +49-(0)811-5517-0
Email: info@mayah.com

IO [io] 8000/5000

IP-based
E1/T1, Satellite, ISDN, ATM, etc.

Audio

Flashcast, MAYAH's automatic codec detection algorithm is the No.1 tool for radio broadcasters helping to get the job done. Our audio codecs support IP, ISDN, X.21 and E1. They come with a unique set of algorithms from G.711/G.722 and Layer 2, 3 via MPEG-4 HE AAC to Enhanced aptx.
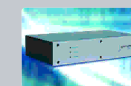
CENTAURI® 3000/30001
IP/ISDN Audio Codec for
Contribution, Distribution
and Reporting

CENTAURI 4000/40001
StreamingServer for WebRadio
and InHouseStreaming

GANYMED 1102
IP Audio Codec for
IP Audio Distribution

GANYMED 1002
IP Audio Decoder for
IP Audio Reception

MERK II
4 Channel Portable
Audio Codec/Mixer

FLASHMAN®
Digital Audio Recorder for
Broadcast Professionals

DRM2010
2nd Generation Multiband
DRM Receiver

CENTAURI 3500
Audio Program Concentrator
System

	IO [io] 5000	IO [io] 4500	IO [io] 8000	IO [io] 8000 "Pro"	Mayah MD "Multi Decoder"	Mayah PD-WLAN "Personal Decoder"	Windows Media	QuickTime	Real
Order number	IO5000	IO4500	IO8000A	IO8000AD	IO-MD	IO-PD			
target application / solution	enterprise, webcasting	enterprise	broadcast	broadcast	enterprise, broadcast	enterprise			
Software									
Operating system	Real-Time embedded	Linux	Real-Time embedded	Real-Time embedded	Windows 98-XP	Pocket PC >2002	> Vers. 9,Win	> Vers. 6.5,Mac/Win	> Vers. 10,Mac/Win
custom.software engineering		yes			yes	yes			
Remote software / Telnet	Win remote / Telnet		Win remote / Telnet	Win remote / Telnet					
Audio Video Coding									
Encoder / Decoder	Encoder	Decoder	Encoder / Decoder	Encoder / Decoder	Single/Quad-Split Dec.	SW-Decoder	SW-Decoder	SW-Decoder	SW-Decoder
Video formats	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	progressive	progressive	progressive	progressive	progressive
Max.video resolution	384 x 288	720 x 576 / 480	720 x 576 / 480	720 x 576 / 480	720 x 576 / 480	depending on PDA			
MPEG-4 simple profile	x	x	x	x	x	x	x (plug-in)	x	x
MPEG-4 adv.simple profile	x		x	x	x	x	x (plug-in)		
MPEG-4 AAC (audio)	x	x	x	x	x	x	x	x	x
H.264			TBA	TBA	TBA				
Quality of Service, Diff.Serv.	x		x	x					
Latency	< 200 ms	approx.3 seconds	< 200 ms	< 200 ms	< 200 ms	approx.3 seconds	approx.3 seconds	approx.3 seconds	approx.3 seconds
Automatic decoder resync		x	x	x	x				
Automatic scene cut detection	x		x	x					
HSS Horizontal Sub Sampling			x	x					
Audio Video I/O									
Composite video	RCA,video in	RCA,video out	BNC, video in & out	BNC, video in & out					
S-Video	in		in & out	in & out					
SDI				SDI,in & out					
VGA		out	out	out	out / PC	depending on PDA	out / PC	out / Mac/PC	out / Mac/PC
Bit rates	>30 kbit/s	< 1.600 kbit/s	>30 kbit/s	>30 kbit/s	>30 kbit/s	depending on PDA	>30 kbit/s	>30 kbit/s	>30 kbit/s
Stereo,analog	RCA,unbalanced	RCA,unbalanced	XLR,balanced	XLR,balanced	Win PC	depending on PDA	PC or Mac	PC or Mac	PC or Mac
Stereo,AES/EBU				Sub-D,9-Pin					
Stereo,SDI embedded				BNC, embedded audio					
Size	"19"",2U "	desk top model	"19"",2U "	"19"",2U "					