



VIP1000

High Definition IP Video Set-Top



High Definition and Standard Definition Video Decoding

Highlights Include:

- Supports feature-rich applications and graphics
- Supports digital TV functionality, including electronic program guide (EPG), video on demand (VoD), and Multicast TV
- Support for secure Digital Rights Management (DRM) with integrated Secure Processor
- High-Definition Multi-media Interface (HDMI) connectivity with High-Bandwidth Digital Content Protection (HDCP) option
- Supports multiple IR protocols
- Two-way IP data communication
- 64-256 MB DRAM, depending on customer and middleware requirements
- 32-128 MB Flash memory option
- Industry-standard video, audio, and data outputs (see "Technical Specifications" for details)
- Dolby® Digital AC3 and AAC digital audio
- Macrovision® and CGMS-A analog copy protection schemes

- Digital video scaling and hardware support for Picture-in-Picture
- MPEG-4 AVC (H.264), MPEG-2 and VC-1 video codecs

For more information regarding any of these features contact your Motorola sales representative.

This compact, superior television IP set-top decodes high definition (HD) and standard definition (SD) high-quality digital video.

Its' two-way IP capability allows it to be used in multiple applications, including multicast TV and VoD. Multiple middleware and DRM software solutions are supported.

The VIP1000 includes a microprocessor and enhanced graphics to decode HD and SD digital TV, as well as output high-quality surround sound audio.

SPECIFICATION SHEET

VIP1000

TECHNICAL SPECIFICATIONS		Middleware	
Video Interfaces		Microsoft®:	Mediaroom™ middleware
High definition TV:	HDMI with HDCP support Component video (Y Pb Pr)	Alcatel:	Media Manager middleware
Standard definition TV:	S-Video, Composite and Component video SCART supported in EMEA models	KreaTV™:	Open platform supports multiple middleware solutions
Video codecs:	MPEG-2, MPEG-4 AVC (H.264), VC-1	Security	
Audio		Microsoft:	Mediaroom DRM
Audio Interfaces:	Optical S/PDIF, coaxial connector	KreaTV:	Open platform supports multiple DRM solutions
Audio Codecs:	Dolby Digital, MPEG-1 (MUSICAM), MP3, AAC LC, HE-AAC	Processing	
Other Interfaces		CPU:	2x 400+DMIPS
IR receiver for remote:	RC5, R-Step, RCMM and NEC protocols	DRAM:	64 MB standard expandable to 256 MB
USB:	2.0	Flash:	32 MB to 128 MB
Ethernet:	10/100Base-T Ethernet/RJ-45	Physical	
Power input:	External power supply	Width:	6.5" (16.5cm)
Software		Depth:	5.2" (13.2cm)
Operating system:	Windows® CE version 5.0 LINUX® version 2.6.x	Height:	1.5" (3.8cm)
Streaming protocols:	RTSP, RTP/RTCP	Weight:	0.7 lb (0.3 kg)
Software upgrade:	Remote software download/upgrade	Temperature:	0C to 40C (32F to 104F)
Copy protection:	Macrovision 7.1, CGMS-A, HDCP	Humidity:	8% to 95% (noncondensing)
Video Resolution		Other	
NTSC:	480i, 480p	Limited warranty:	One year
PAL:	576i, 576p	Compliance:	UL, FCC Part 15, CE, CSA and IC
High definition:	720p, 1080i, 1080p		



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