



VIP1200

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)
- Supports multiple IR protocols
- Two-way IP data communication
- System-on-chip (SoC) 400+ DMIPS processor
- 128-256 MB DRAM, depending on customer and middleware requirements
- 32 MB Flash memory
- 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
- Embedded IP networking over coaxial cable using HPNA v.3

- 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. It supports multiple middleware and DRM software solutions and is fully compliant with Microsoft® Mediaroom™, Alcatel Media Manager and Motorola's KreaTV™ Open Software Application Platform.

The VIP1200 includes a high-end microprocessor and enhanced graphics to decode HD and SD digital TV, as well as output high-quality surround sound audio.

SPECIFICATION SHEET

VIP1200

TECHNICAL SPECIFICATIONS		Middleware	
Video Interfaces		Microsoft:	Mediaroom middleware
High definition TV:	HDMI with HDCP support Component video (Y Pb Pr)	KreaTV:	Open platform supports multiple middleware solutions
Standard definition TV:	S-Video, Composite video (2 sets), channel 3/4 RF remod	Security	
Video codecs:	MPEG-2, MPEG-4 AVC (H.264), VC-1	Microsoft:	Mediaroom DRM
Audio		KreaTV:	Open platform supports multiple DRM solutions
Audio Interfaces:	Optical S/PDIF, L/R RCA stereo audio connectors (2 pairs)	Processing	
Audio Codecs:	Dolby Digital, MPEG-1 (MUSICAM), MP3, AAC LC, HE-AAC	CPU:	400+DMIPS
Other Interfaces		DRAM:	128 MB standard expandable to 256 MB
IR receiver for remote:	RC5, RCMM and NEC protocols	Flash:	32 MB
USB:	2.0 (front and back panel)	Physical	
Ethernet:	10/100Base-T Ethernet/RJ-45	Width:	10" (25.4cm)
Power input:	External power supply	Depth:	8.5" (21.6cm)
Home Networking over Coax using HPNA		Height:	2.2" (5.6cm)
Software		Weight:	2.5 lb (1.13 kg)
Operating system:	Windows® CE version 5.0, LINUX®	Power:	95 to 130 VAC, 12 VDC
Streaming protocols:	RTSP, RTP/RTCP	Power consumption:	25 W max.
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)
User interface:	Electronic Programming Guide (EPG)	Other	
Video Resolution		Limited warranty:	One year
NTSC:	480i, 480p	Compliance:	UL, FCC Part 15, CSA and IC
High definition:	720p, 1080i		

**MOTOROLA**

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