



VIP1200 (European Version)

High Definition IP Video Set-Top



High Definition and Standard Definition Television 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
- Client support for whole-home DVR stream from VIPs with integrated hard disk drive
- Support for Digital Rights Management (DRM)
- 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
- 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. It supports multiple middleware and DRM software solutions and is fully compliant with Microsoft® Mediaroom™.

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

VIP1200E

TECHNICAL SPECIFICATIONS		Middleware	
Video Interfaces		Microsoft Mediaroom	
High definition TV:	HDMI with HDCP support	Security	
Standard definition TV:	S-Video, Composite video, SCART	Microsoft Mediaroom	
Video codecs:	MPEG-2, MPEG-4 AVC (H.264), VC-1	Processing	
Audio		CPU:	400+DMIPS
Audio Interfaces:	Optical S/PDIF, L/R RCA stereo audio connectors (2 pairs)	DRAM:	128 MB standard expandable to 256 MB
Audio codecs:	Dolby Digital, MPEG-1 (MUSICAM), MP3, AAC LC, HE-AAC	Flash:	32 MB (64 MB optional)
Other Interfaces		Physical	
IR receiver for remote:	RC5, RCMM, NEC and RSTEP protocols	Width:	25.4cm (10")
USB:	2.0 (front panel)	Depth:	19.8cm (7.8")
Ethernet:	10/100Base-T Ethernet/RJ-45	Height:	5.8cm (2.2")
Power input:	External power supply	Weight:	1.33 kg (2.95 lb)
Software		Power:	AC 200 to 240 VAC DC 12 V
Operating system:	Windows® CE version 5.0	Power consumption:	15 W max.
Streaming protocols:	RTSP, RTP/RTCP	Temperature:	0C to 40C (32F to 104F)
Software upgrade:	Remote software download/upgrade	Humidity:	8% to 95% (noncondensing)
Copy protection:	Macrovision 7.1, CGMS-A, HDCP	Other	
User interface:	Electronic Programming Guide (EPG)	Limited warranty:	Two years
Video Resolution		Compliance:	UL, CE, SABS, RoHS, EN60950, EN55022, EN55024
NTSC:	480i, 480p		
PAL:	576i, 576p		
High definition:	720p, 1080i		

**MOTOROLA**

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