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High-Definition IP Video Set-Top Box

MODEL

VIP1200

MOTOROLA

The Motorola VIP1200 is a compact, superior, high-definition (HD) television IP set-top that also supports 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, and can support multiple middleware software solutions. 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.

FEATURES
• High-Definition and Standard-Definition television
• Multiple Digital Rights Management (DRM) supported
• High-Definition Multi-media Interface (HDMI) connectivity with High-Bandwidth Digital Content Protection (HDCP)
• Component video (Y Pb Pr)
• IR remote receiver
• Two-way IP data communication
• System-on-chip 400+ DMIPS processor
• 128 MB DRAM
• 32 MB Flash memory
• Full range of industry-standard video, audio, and data outputs (see "Technical Specifications" for details)
• Dolby® Digital AC3 and AAC digital audio
• Macrovision copy protection
• Digital video scaling and hardware support for Picture-in-Picture
• Embedded IP networking over coaxial cable using HPNA v.3
• MPEG-4 (H.264), VC-1, and MPEG-2 video codecs

BENEFITS
• Superior high-definition video and all-digital sound quality
• Connects to High-Definition (HD) or Standard-Definition (SD) televisions
• Supports feature-rich applications and graphics
• Supports digital TV functionality, including electronic program guide (EPG) and video on demand (VoD)
• Client support for whole-home DVR stream from VIP1208 settop box

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TECHNICAL SPECIFICATIONS

Middleware	Open platform, can support diffent middleware solutions
Security	Open platform, can support multiple DRM solutions
Interfaces	
Video	
High-Definition TV	HDMI with HDCP support,component video (Y Pb Pr)
Standard-Definition TV	S-video, composite video (two sets), channel 3/4 RF remod
Video codecs (advanced compression)	MPEG-2, MPEG-4 (H.264), VC-1
Audio	
AAC MPEG-1 (MP3), Dolby AC3	Optical S/PDIF, L/R RCA stereo audio connectors (2 pairs)
Other	
IR receiver for remote	Standard
USB	Version 2.0 (one in front, one in back)
Ethernet	10/100Base-T Ethernet/RJ-45
Home Networking over Coax using HPNA	
Power input	External power supply
SOFTWARE	
Streaming protocols	RTSP, RTP
Software upgrade	Remote software download/upgrade
Copy protection	Macrovision Rev. 7.01, HDCP
User interface	Advanced Electronic Programming Guide (EPG)
HARDWARE	
Size	10 in (25.4 cm) x 8.5 in (21.6 cm) x 2.2 in (5.6 cm)
Weight	2.5 lbs (1.13 kgs)
Processor/Memory	
CPU	400+ DMIPS
DRAM	128 MB standard unified
FLASH	32 MB
Video resolution	NTSC: 480i, 480p High Definition: 720p, 1080i
Operating Requirements	
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating humidity	8% to 95% (noncondensing)
Power supply	
AC voltage	95 to 130 VAC
DC input	12 VDC
Power consumption	25 W max.
REGULATORY	UL, FCC Part 15, CSA, IC
LIMITED WARRANTY	1 Year

• Specifications subject to change without notice.

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