

VIP1200

High-Definition IP Video Set-Top Box

SPECIFICATION SHEET



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 set-top box

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



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.

TECHNICAL SPECIFICATIONS

Middleware Open platform, can support different 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 (2 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 kg)

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



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