

VIP1216

(European Version)

High-Definition IP Video Set-Top Box with Digital Video Recording (DVR)

BENEFITS

- Superior high-definition video and all-digital sound quality
- Connects to High-Definition (HD) or Standard-Definition (SD) televisions
- Integrated hard disk drive (HDD) for DVR functionality with watch-and-record capabilities
- Supports feature-rich applications and graphics
- Supports digital TV functionality, including electronic program guide (EPG), video on demand (VoD), multicast and DVR
- Hardware support for whole home DVR

FEATURES

- High-Definition and Standard-Definition television decoding
- Support for Digital Rights Management (DRM)
- High-Definition Multi-media Interface (HDMI) connectivity with High-Bandwidth Digital Content Protection (HDCP)
- IR remote receiver
- Two-way IP data communication
- System-on-chip (SoC) 400+ DMIPS processor
- 128 MB DRAM
- 32 MB Flash memory (optional)
- 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
- Hardware-based (SoC) video decoding: MPEG-4 AVC (H.264), VC-1, and MPEG-2



The Motorola VIP1216 is a superior, high definition IP set-top with a built-in hard disk drive for DVR functionality. The VIP1216 also supports standard-definition high-quality digital video. Its two-way IP capability allows it to be used in multiple applications, including broadcast TV, time-shifted TV, multicast and VoD and is fully compliant with Microsoft® IPTv. The VIP1216 includes a high-end system-on-chip processor and enhanced graphics to decode HD and SD digital TV, as well as output high-quality surround sound audio.

TECHNICAL SPECIFICATIONS

Middleware Full support for Microsoft IPTV Edition Middleware solution

Security Full support for Microsoft's DRM solution

Interfaces

Video

High-Definition TV HDMI with HDCP support

Standard-Definition TV S-video, Composite video, SCART

Video codecs (advanced compression) MPEG-2, MPEG-4 (H.264), VC-1

Audio

AAC, MPEG-1 (MP3), Dolby AC3 Optical S/PDIF, Left/Right Audio (RCA connectors)

Other

IR receiver for remote Standard

USB Version 1.1 (front panel)

Ethernet 10/100Base-T Ethernet/RJ-45

Power input External power supply

Hard disk drive Built-in 160GB HDD standard
(80GB and 250GB HDD versions also available)

SOFTWARE

Operating System Windows® CE version 5.0

Streaming protocols RTSP, RTP

Software upgrade Remote software download/upgrade

Copy protection Macrovision Rev. 7.1, HDCP

User interface Microsoft IPTV Edition User Interface

HARDWARE

Size 30.48 cm (12 in.) x 27.94 cm (11 in.) x 6.99 cm (2.75 in.)

Weight 4.38 kg (9.65 lbs)

Processor/Memory

CPU 400+ DMIPS

DRAM 128 MB standard unified

Flash 32MB (optional)

Video resolution 480i, 480p, 576i, 576p, 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 200 to 240 VAC

DC input 12 V

Power consumption 24 W max.

REGULATORY

UL, CE, SABS, RoHS, EN60950, EN55022, EN55024

LIMITED PRODUCT WARRANTY

Two years

