Strengthen your IP Video Leadership – Count on Motorola's VIP1002 to help you deliver innovative, advanced IP HDTV experiences to your premium customers.

Highlights

- Easy to use and install
  - Connects to high-definition or standard definition TVs
- Offers superior high-definition video and all-digital sound quality
  - Supports Standard Definition and High Definition (SD/HD) high-quality digital video
  - Dolby® Digital AC3 and AAC digital audio
- Microsoft® Mediaroom™ certified
- Interactive IP set-top supports multiple feature rich advanced applications and graphics like Electronic Program Guides (EPG), Multicast TV, and Video On Demand (VOD)
- Digital video scaling and hardware support for picture-in-picture
- Supports secure Digital Rights Management (DRM) with integrated Secure Processor
- Supports High-Definition Multimedia Interface™ (HDMI™) connectivity with High-Bandwidth Digital Content Protection (HDCP)

Product Overview

The Motorola VIP1002 Advanced IP High-Definition Set-top is a compact, superior HDTV IP set-top. The Motorola VIP1002 allows operators to expand their subscriber base, increase customer satisfaction, and grow their average revenue per user (ARPU). The VIP1002 redefines the IP Video experience, enabling operators to accelerate their time to revenue, while providing their subscribers with a quality, next generation IPTV. With deployment of the VIP1002, operators will retain high-value customers and grow their subscriber base, increase average revenue per user, and lower capital spending, while improving customer loyalty and retention. In addition to providing a cost-effective single set-top solution, the VIP1002 is also a cost-effective second or third set-top solution for multi-room applications.

The VIP1002 is part of Motorola's comprehensive, secure, flexible, reliable, scalable, and open end-to-end IPTV Solution Suite. It enables operators to effectively compete with the incumbent cable operator while bringing down the cost of delivering compelling next-generation HD IP video experiences. The deployment of the VIP1002 allows operators to retain high-value customers and grow their subscriber base, increase average revenue per user, and lower capital spending, all while improving customer loyalty and retention. With the VIP1002, operators can deliver a myriad of differentiated offerings that meet the growing consumer demand for personalized video content and delivery options while balancing the need to closely manage their capital investment and operating expenses. The VIP1002 is a cost-effective second or third set-top solution for multi-room applications.

The VIP1002 offers subscribers the latest advanced IPTV capabilities and features, including:

Capabilities

- Two-way IP capabilities to support multiple interactive applications, such as broadcast TV, time-shifted TV, and multicast
- Feature-rich interactive applications and graphics
- Digital TV functionality, including interactive electronic program guide (EPG) and video on demand (VOD)
- Digital video scaling and hardware support for picture-in-picture

Features

- A high-end system-on-a-chip (SoC) 1,100 DMIPS microprocessor and enhanced graphics to decode HD and SD digital TV and output high-quality surround-sound audio
- Two-way IP data communication
- 256 MB DRAM (optional up to 512 MB)
- 64 MB Flash memory (optional up to 128 MB)
- Expanded memory and a full range industry-standard audio, video, and data inputs / outputs
  - Rear Panel Interfaces: Ethernet, USB 2.0, S/PDIF, single SCART, HDMI v1.3, and Power (standard); eSATA (optional)
  - Front Panel Interfaces: Status LEDs and an IR port for Remote Control

As a global leader in IPTV solutions, Motorola offers service providers quick time-to-revenue IPTV deployments with flexible service/content packages for consumers, new billing options, and end-user personalization. At the same time, Motorola's IPTV software and services portfolio increases an operator's ability to differentiate and personalize offerings across multiple media, generating new revenue opportunities and improving the customer care system.

Specifications

ECOMOTO™

In addition to delivering high-quality digital video products to its customers, Motorola is also committed to helping its customers reduce their environmental footprint. We approach this in several ways: improving the environmental profile of our products, running our operations in a safe and energy-efficient manner and helping our customers to be greener when they use our products.

Motorola's VIP Series set-tops help service providers lower their energy consumption, thereby helping them reduce their carbon footprint. Motorola has a global commitment to be part of the solution to climate change, and has worked for years to continually improve our environmental profile. We are in step with our customers and their increasing interest in partnering with a company that helps them reduce their environmental impact, while offering compelling products to help them grow their eco-conscious customer base.

Motorola is working to make products with a reduced environmental impact. In the development of our next-generation VIP series set-tops, we have focused on energy efficiency, lead-free manufacturing, and packaging / recycling enhancements. Depending on models and market, our units are ENERGY STAR qualified and compliant with European Code of Conduct regulations. In addition, the devices and power supplies are lead-free and RoHS compliant. Finally, all new VIP set-tops use environmentally friendly package designs. They are available in single bulk pack boxes that eliminate the use of suspension plastic and reduce box size, thereby reducing waste and transport costs. Motorola's VIP set-top packaging is 100% recyclable and is marked with standard recycling codes to make it easier for our customers to iden identify recycling opportunities.

VIDEO INTERFACES

High-Definition TV	HDMI with HDCP
Standard-Definition TV	Composite video through SCART
Video Codecs	MPEG-2, MPEG-4 AVC (H.264), VC-1

AUDIO

Audio Interfaces	Coax S/PDIF
Audio Codecs	Dolby Digital, MPEG-1 (MUSICAM), MP3, AAC LC, HE-AAC

OTHER INTERFACES

IR receiver for remote	RC5, RCMM, RSTEP and NEC protocols
USB	2.0
Ethernet	10/100Base-T Ethernet (RJ-45)
Power input	External power supply

SOFTWARE

Operating system	Windows® CE version 5.0, LINUX® version 2.6.x
Streaming protocols	RTSP, RTP/RTCP
Software upgrade	Remote software download/ upgrade
Copy protection	Macrovision 7.1, CGMS-A, HDCP
User interface	Electronic Programming Guide (EPG)

VIDEO RESOLUTION

NTSC	480i, 480p
High definition	720p, 1080i, 1080p

PROCESSING

CPU	1,000 DMIPS
DRAM	256 MB standard (supports up to 512 MB)
Flash	64 MB standard (supports up to 128 MB)

MIDDLEWARE

Microsoft	Media room middleware

SECURITY

Microsoft	Media room DRM

PHYSICAL

Dimensions	1.5 in H x 6.510 in W x 5.2 in D (3.8 cm x 16.5 cm x 13.2 cm)
Weight	0.7 lb (0.3 kg)
Power	200 to 240 VAC, 12 VDC
Power consumption	20 W max.
Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)
Operating Humidity	8% to 95% (non-condensing)

OTHER

Limited warranty	One year
Compliance	UL listed (U.S. and Canada), SABS, EN60950, EN55022, EN55024, ENERGY STAR v1, FCC Part 15, CSA, RoHS, CE and CoC

Specifications subject to change without notice.

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