

QIP6200

Hybrid QAM/IP HD Set-Top Terminal

SPECIFICATION SHEET



FEATURES

64/256 QAM tuner supports standard- and high-definition MPEG-2 formats

Embedded IP networking over coaxial cable using MoCA technology

Two-way IP data communication

Powerful (MIPS) RISC processor

Out-of-band data receiver

Full range of industry-standard video, audio, and data outputs (for details, see "Specifications")

Dolby® 5.1 digital audio

Decrypts CSA or DES

MediaCipher® access control

Macrovision® copy protection

Front-panel LED display with navigation buttons

Digital on-screen diagnostics

SmartCard interface

Switched accessory outlet

BENEFITS

Superior all-digital video and sound quality for a true home theater experience

Decodes standard- and high-definition programs.

Processes QAM and IP video transports

Embedded IP networking supports high bandwidth data applications

Can operate as part of a multi-room DVR home network via MoCA

Advanced hardware platform supports feature-rich applications and graphics

Supports typical digital TV functionality, including the interactive program guide (IPG), video on demand (VoD), and commercial-free, CD-quality music



The Motorola QIP6200 decodes digital standard- and high-definition MPEG-2 video formats transmitted via QAM or IP. It supports embedded IP networking using Multimedia Over Coax Alliance (MoCA) technology. The resulting IP connectivity enables communication with other set-tops throughout the home and VoD over IP.

SPECIFICATIONS

Input frequency

Video (QAM)	54 to 860 MHz
IP	1125 to 1425 MHz

Home network **MoCA-compliant**

Outputs

HDTV	Component video (Y Pb Pr), IEEE 1394, HDMI
Standard TV	S-Video, composite video, channel 3 and 4 RF remod
Audio	Left/right baseband, optical and coaxial S/PDIF
Data	USB 2.0, 10/100Base-T Ethernet, SATA (optional)

Memory

DRAM	64 MB standard unified, 128 MB (optional)
Flash	16 MB
NVMEM	256 KB

CPU Minimum 350 MIPS

Video MPEG-2

Video resolution 480i, 480p, 720p, 1080i

Graphic resolution Up to 720x480

Colors 32 bit

Digital input level

64 QAM	-15 to +15 dBmV
256 QAM	-12 to +15 dBmV

RF Data carrier QPSK-modulated

Frequency	Agile receiver 70 to 130 MHz
Bandwidth	1.5 MHz
Level	-15 to +15 dBmV

IP Data Carrier MoCA

Frequency	1125 to 1425 MHz
Bandwidth	50 MHz
Level	0 dBm

Operating temperature 15 to 40 °C (59 to 104 °F)

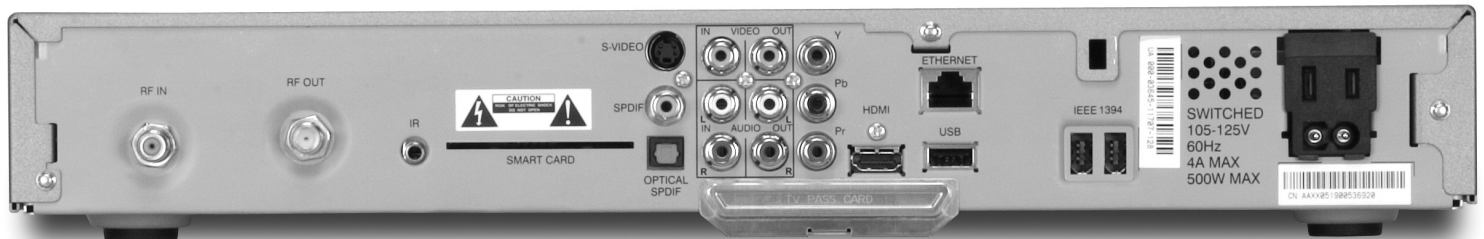
Operating humidity 5 to 95% (noncondensing)

AC voltage 105 to 125 VAC, 60 Hz

Power dissipation 30 W nominal at 115 VAC

Size 17.02 in. (43.23 cm) W, 10.78 in. (27.38 cm) D, 2.75 in. (7.00 cm) H

Weight 10 lbs.



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