

Explorer® 3340™ Digital Interactive Set-Top

Description

The Explorer® 3340™ Digital-Only Set-Top provides subscribers with improved video/audio quality and the flexibility to support interactive applications and services.



Features

- The 3340 is a digital-only set-top that will tune standard-definition (SD) digital signals available on the cable system to which it is connected. The digital tuning capability provides a clearer noise-free picture to the subscriber's display device. Because this is a digital-only set-top, it is unable to display analog channels and services.
- To meet the demands of existing and future network configurations, the 3340 offers power, capacity, and compatibility. The integrated internal DAVIC cable modem allows the 3340 to communicate instantly with the cable headend to promote a broad range of interactive entertainment, information, and communications services. Over 40 MB of application and program memory, along with the 166 MHz RISC microprocessor, manage multiple program tasks and applications with speed and power. The USB port offers fast interconnectivity to consumer peripheral devices.

Specifications

Feature	Benefits
DAVIC Reverse Path Data Transmitter	Allows IP-based, real-time two-way communication between the 3340 and the headend Enables cable service provider to offer two-way services such as Internet browsing, video-on-demand (VOD), subscription VOD (SVOD), e-mail, and real-time chat
MPEG-2 MP@ML Digital Video Decompression	Allows decompression and presentation of audio and video Delivers video resolutions up to 720 x 480
Dolby® Digital Audio and MPEG-1 Audio Support	Supports leading digital audio standards
PowerKEY® Conditional Access System	Provides digital security using an RSA encryption algorithm that mathematically matches pairs of keys
PowerTV® Operating System with HTML Client Engine	Offers stable operating system and open Application Programming Interfaces (APIs) to support native applications and third-party middleware applications Allows upgrades using a network download
Enhanced Graphics Engine	Displays up to 65,000 colors simultaneously Enables high-resolution 640 x 480 IPG graphics while simultaneously scaling MPEG-2 video
Powerful 32-bit RISC Processors	Features a 166 MHz (166 MIPS) processor to perform tasks and applications quickly

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Specifications, continued

Feature	Benefits
Over 40 MB Memory	Flash: 8 MB Applications DRAM: 16MB Media DRAM: 16 MB NVM: 4 KB
64 and 256 ITU J.83 Annex B QAM Support	Supports open standards for QAM delivery and demodulation
Digital Service Tuner	Allows MPEG-2 digital channels to be tuned and displayed
DAVIC Compliant Integrated Cable Modem	Provides a high-speed data forward path to the 3340 and return path to the headend.
Both Internal Security Microprocessor and Smart Card Slot	Provide hardware-assisted conditional access options with capability to upgrade the security, if ever needed
Macrovision® Copy Protection Support	Activation allows cable operators to add another layer of copy protection software, called Macrovision, that restricts subscribers from copying protected transmissions such as VOD and SVOD to the analog composite outputs
Universal Serial Bus (USB) Interface	Front panel USB port allows easy interconnection with home consumer devices such as USB keyboards
BTSC/SAP Decoder	Provides stereo sound on analog channels through the baseband left and right outputs
S/PDIF Digital Audio Interface	Supports interconnection with surround sound receivers using coaxial- and optical-type connectors
Integrated VCR Commander™ Service	Automates the recording of selected video programs; requires IR Blaster Cable
Provision for Name Branding	Allows you to brand the 3340 with your company name and logo
Optional RF Bypass	Allows the video signal to internally bypass the 3340 input on the SDTV.

Description	Dimensions	(Metric Dimensions)
Product Dimensions (WxDxH)	12 in x 7 in x 2.75 in	(30.5 cm x 17.78 cm x 6.9 cm)
Product Weight	3.5 lbs	(1.6 kg)
Carton Dimensions (WxDxH)	16 in. x 14 in. x 9 in.	(40.6 cm x 35.6 cm x 22.7 cm)
Weight Including Packaging (packaged five per carton)	17.5 lbs	(7.9 kg)

Temperature Range and Placement

Room Temperature (Operating)—40°F to 105°F (5°C to 40°C)

Locate the Explorer 3340 with at least 1 in. of open space above and on each side.

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Ordering Information

Contact your Sales Representative for product availability in your area.

Set-Top

Part Number	Description
4010044	Explorer 3340, digital only Standard Definition Set-Top (8 MB Flash / 16 MB DRAM memory)

Cables

Description	Product Photo	Part Number
Optional IR Blaster Cable (8 ft)		735994
Optional IR Extender Cable		1001807 (12 ft) 4006725 (25 ft)



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