

Cisco Z350DVB Digital Broadcast Set-Top

Offering an affordable solution for broadcast digital solution and video services, the Cisco® Z350DVB Digital Broadcast Set-Top (Z350DVB set-top) allows network operators to expand their channel lineup, recapture valuable spectrum, and offer a simple channel user interface. This interface offers favorite channels and parental control blocking services without requiring an upgrade to the existing cable plant.

The Z350DVB set-top is optimized for cost, is DVB-C and MPEG-2 compliant, and supports PAL video formats. With the optional SIM card reader, it is also capable of supporting renewable security.

Figure 1. Cisco Z350DVB Digital Broadcast Set-Top (image may vary from actual product and specification)



Features

Infrared Remote Control

Navigator and Setup Menus

- Simplified front panel that includes three buttons and dual color LED to indicate when the unit is powered on and operating (green), when it is receiving IR activity (flashing green), and when it is in standby mode (red)
- Navigator and setup menus include the following features:
 - Provide the channel name and number when changing channels
 - Include parental control and favorite channels selections
- Include installation and user setting menus
- Support the English language

Figure 2. Cisco Z350DVB Front Panel (image may vary from actual product and specification)



Table 1. Front Panel Features

Feature	Description
Controls	3 buttons: CH+▲, CH-▼, POWER
Indicators	<p>POWER LED</p> <ul style="list-style-type: none"> • Illuminates green when the set-top is powered on and operating • Illuminates red when the set-top is in standby mode • Flashes green to indicate IR activity

Figure 3. Cisco Z350DVB Back Panel (image may vary from actual product and specification)



Table 2. Back Panel Features

Feature	Description
Connections In	Cable In, SIM card reader (optional)
Connections Out	TV Out, Audio Out L/R, Video Out

Product Specifications

Table 3. Product Specifications

Specification	Value
Audio/Video Outputs	
Inputs and Outputs	<ul style="list-style-type: none"> • IEC 60169-2 female-type RF input • IEC 60169-2 female-type RF output • Baseband video and audio left/right outputs
Tuning and Decoding	
Digital Service Tuners	<ul style="list-style-type: none"> • Enables tuning and display of MPEG-2 (ISO/IEC 13818-2) and MPEG-1 (ISO/IEC 11172-2) digital video signals • Enables tuning of digital audio MPEG-1 layers 1 and 2 (ISO/IEC 11172-3)
Memory/Storage	
Configurable Memory Sizes	Base model contains: <ul style="list-style-type: none"> • 2 MB flash memory • 8 MB DRAM • 4 KB EEPROM • Other memory configurations are available
Processors	
Powerful 32-bit RISC Processor	Fast CPU delivers quick tuning changes and on-screen response times
Security	
Internal Secure Microprocessor	Provides hardware-assisted conditional access functions within a tamper-resistant package
SIM Card Reader (Optional)	Supports third-party conditional access SIM cards, as well as the ability to upgrade the native PowerKEY® security
Data Transmission and Tuner	
QAM 64 and 256 ITU J.83 Annex A Support	DVB-C (EN 300 429) compliant for QAM delivery and demodulation
RF Output with RF Loop-Through	Allows analog channels to bypass directly to the TV
Conditional Access/Operation System	
PowerKEY Conditional Access System	<ul style="list-style-type: none"> • Secures digital services using an RSA encryption algorithm that mathematically matches pairs of keys • Compliant with DVB (ETR 289) Common Scrambling Algorithm
Power Supply	
Power Supply	<ul style="list-style-type: none"> • Internal 90 – 270 VAC 50/60 Hz power supply with attached Euro plug • 6 kV surge protection
Accessories	
Accessory Cables (Optional)	Baseband audio/video cable

Dimensions	
Product (HxWxD)	200 mm x 145 mm x 47 mm (7.87 in. x 5.63 in. x 1.85 in.)
Product Weight	0.54 kg (1.2 lbs)
Carton – Single Product (HxWxD)	230 mm x 190 mm x 90 mm (9.05 in. x 7.48 in. x 3.54 in.)
Total Weight – Single Product Carton	0.86 kg (1.9 lbs)
Carton – 12 Products (HxWxD)	250 mm x 382 mm x 560 mm (9.84 in. x 15.04 in. x 22.05 in.)
Total Weight – 12-Product Carton	11.43 kg (25.2 lbs)
Environment Specifications	
Operating Temperature	0 to 50°C (32 to 122°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)

Ordering Information

Table 4. Ordering Information

Cisco Set-Top and Remote	Part Number
Cisco Z350DVB Set-Top	4025549
Remote Control, Cisco Z-21	4023051
RCA Video/Audio Cable, 1.5 m	4018205
Cisco Z350DVB Quick Reference	4023812



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Part Number 7013334 Rev B
 September 2008