

Cisco STA1520 Tuning Adapter

The Cisco® STA1520 Tuning Adapter (Tuning Adapter) has been developed to provide a simple solution for Unidirectional Digital Cable Product (UDCP) devices with CableCARD™ modules to gain access to both Switched Digital Video (SDV) and broadcast channels. The Tuning Adapter uses the USB port on the back panel to communicate tuning information between the headend and the UDCP device.

This solution allows service providers to take advantage of the network bandwidth savings of SDV while also allowing subscribers to use their UDCP device.

Figure 1. Cisco STA1520 Tuning Adapter (image may vary from actual product and specification)



Features

- *DAVIC Receiver/Transmitter* allows IP-based, real-time, two-way communication between the adapter and the service provider network for services
- *DOCSIS® Set-top Gateway (DSG)* provides a powerful standard transport mechanism for command and control signaling between the set-top and service provider network (optional software)
- *Switched Digital Video* support for either a Cisco solution or a third-party vendor solution
- *USB 2.0 Connection* enables a host connection to UDCP devices

Figure 2. Cisco STA1520 Tuning Adapter Front Panel (image may vary from actual product and specification)



Table 1. Front Panel Features

Feature	Description
Controls	Power
LED Indicator	Single LED – Power/Standby
Color	Black
Branding	Cisco STA1520

Figure 3. Cisco STA1520 Tuning Adapter Back Panel (image may vary from actual product and specification)



Table 2. Back Panel Features

Feature	Description
Connections In	Cable In
UDCP Interface Connections	Cable Out; USB 2.0
Power Input	External Power Supply (90-135 VAC @ 57-63 Hz)
Label - Back Panel	Serial Number, eCM MAC Address, RF MAC Address

Product Specifications

Table 3. Product Specifications

Specification	Value
Dimensions	
Product (HxWxD)	11.75 in. x 8 in. x 1.75 in. (29.2 cm x 20.3 cm x 4.4 cm)
Product Weight	2.0 lbs (0.9 kg)
Carton (HxWxD)	12.5 in. x 13 in. x 2 in. (31.7 cm x 33 cm x 5 cm)
Total Weight	3.5 lbs (1.6 kg)
Environment Specifications	
Placement	Locate with at least 2 inches of open space above and on each side
Room Temperature	32° to 105°F (0° to 40°C) during operation
Power Dissipation	15 W maximum

Table 4. Accessories

Specification	Value
In Carton	
	External Power Supply, USB Cable, RG59 Cable, and Quick Reference Guide

Ordering Information

Table 5. Ordering Information

Item	Description	Part Number
STA1520	Tuning Adapter	4023754
External Power Supply	External Power Supply	4019611
USB Cable	USB, A Male – B Male, 1.5mm, black	4028166
RG59 Cable	RG59 RF M-M 3 ft., black	4028475



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