

## Cisco Digital Transport Adapter 50

The Cisco® Digital Transport Adapter 50 (DTA50) is a flexible solution that allows cable operators to transition to an all-digital network, while also providing service to customers who want to view content on analog-only cable-ready TVs. The DTA50 is a non-interactive Standard Definition (SD) digital-to-analog converter that allows cable operators to retain these customers and reclaim bandwidth for their digital networks.

**Figure 1.** Digital Transport Adapter 50 (image may vary from actual product and specification)



### Key Features

- Standard Definition resolution (MPEG-2 Decoding)
- IR Extender that supports flexible DTA placement
- Easy-to-use remote control that:
  - Controls TV Power On/Off, TV Volume On/Off and TV Mute On/Off
  - Operates at 57 kHz
  - Uses the same remote codes as Cisco Explorer® products

**Figure 2.** Digital Transport Adapter 50 Front Panel (image may vary from actual product and specification)



**Table 1.** Front Panel Features

Feature	Description
Indicators	Green LED power indicator
Color	Textured black plastic with polished lens area, light gray text
Branding	Cisco, DTA50
Labels	Power

**Figure 3.** Digital Transport Adapter 50 Back Panel (image may vary from actual product and specification)



**Table 2.** Back Panel Features

Feature	Description
Connections In	Cable In, IR In, 5 V
Connections Out	To TV
Output Resolutions	720 x 480 dpi
Connections-Interactive	Channel 3 or 4 rear panel slide switch
Power Input	5 VDC
Labels	CABLE IN, TO TV, 3 CH 4, IR IN, +5 VDC In – 1.5 A
Labels-Bottom	Cisco S/N, Unit Address, STB Model, Assembly P/N, Rev, Date Manufactured, Patents, FCC, Cisco logo, RSA, UL

## Product Specifications

**Table 3.** Product Specifications

Specification	Value
<b>Tuning and Decoding</b>	
Tuning	54 to 860 MHz, QAM 64, 256
Video Decoders	MPEG-2, MP@ML/MP@LL/SP@ML
Audio Decoders	MPEG-1, MPEG-2, Dolby™ Digital
<b>Memory/Storage</b>	
RAM	16 MB
Flash	2 MB
<b>Processors</b>	
Remote Control	57 kHz IR Receiver
Application/CPU	32-bit main system CPU
<b>Dimensions</b>	
Product (HxWxD)	1.21 in. x 4.73 in. x 4.52 in. (3.07 cm x 12.01 cm x 11.48 cm)
Product Weight	8 oz (226.8 g)
Carton (HxWxD)	Individual carton: 2.5 in. x 13.5 in. x 7.75 in. (6.35 cm x 34.29 cm x 19.68 cm) Multipack (5 cartons): 12.25 in. x 14.25 in. x 7.75 in. (31.32 cm x 36.20 cm x 19.56 cm)
Total Weight	A full 5-pack carton is 9.5 lbs (4309.128 g).
<b>Environment Specifications</b>	
Placement	Locate with at least 2 inches of open space above and on each side
Operating Temperature	59° to 104°F (15° to 40°C) during operation

**Table 4.** Accessories

Specification	Value	
<b>In Carton</b>		
Basic Configuration	Digital Transport Adapter 50, Power Supply, Remote Control	
<b>Sold Separately</b>	<b>Part Number</b>	
	IR Extender – 3 ft (1 m)	4029013
	IR Extender – 12 ft (3.7 m)	1004648

## Ordering Information

**Table 5.** Ordering Information

Model	Description	Part Number
DTA50 Base Package	Digital Transport Adapter 50, Power Supply, Remote Control	4029461
DTA50 Optional Package (Self-Install)	Digital Transport Adapter 50, Power Supply, Remote Control, 3 ft. IR Extender, 5 ft. RF Cable, Mounting Squares	4029460

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