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
Tuning and Decoding	
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
Memory/Storage	
RAM	16 MB
Flash	2 MB
Processors	
Remote Control	57 kHz IR Receiver
Application/CPU	32-bit main system CPU
Dimensions	
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).
Environment Specifications	
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	
In Carton		
Basic Configuration	Digital Transport Adapter 50, Power Supply, Remote Control	
Sold Separately		**Part Number**
	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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