

# HD-DTA100U

## DIGITAL TERMINAL ADAPTER

### Product Overview

Since the digital broadcast revolution, cable MSOs have distributed Digital Terminal Adapters (DTAs) to their basic cable customers. DTAs are a low-cost option allowing cable operators to provide basic cable to their customers without incurring the cost of advanced service set-tops. With the growing demand for HD content, MSOs want to use HD DTAs to deliver HD content to their customers while reducing their overall costs.

Motorola's High-Definition Digital Transport Adapter (HD-DTA100u) is a low-cost, customer premise device that allows broadcast digital signals to be decoded from MPEG-2/ MPEG-4 transport, then converted to an analog or HDMI signal intended for display on SD- and HD-capable devices. Cable channels can be displayed in HD without the additional cost of an advanced STB.

### Features

- Single 54 to 1002 MHz digital video tuner
- Digital video (64 QAM/256QAM)
- MPEG-2 and MPEG-4 digital standard-definition and high-definition video decode
- Accelerated 2-D graphics
- Integrated graphical user interface
- On-screen diagnostics
- External high-efficiency power supply
- 8MB Flash, 128MB of RAM



### Standard Interfaces

- Power indicator
- IR remote control (default mode)
- RF4CE remote control

### Front Panel

- Power indicator
- IR remote control sensor (XMP-1)

### Rear Panel

- F-connector for cable input
- RF Remod output
- HDMI output
- Hardware switch for Remod Ch. 3/4 selection
- Power input for external power supply

### Highlights

- Small and compact
- Easily installed
- Secure behind the TV

**General Specifications**

RF Input Frequency	54 to 1002 MHz
Graphics Resolution	720x1280 maximum
Video Resolution	480i NTSC, 480p, 720p, 1080i
Operating Temperature	0 C to 50 C (32 F to 122 F)
Operating Humidity	5 to 95% (non-condensing)
AC Voltage	90 to 135 VAC, 57-63 Hz for North America operation
Power Dissipation	4.75W AC
Digital Input Level	64 QAM (-15 to 15 dBmv) 256 QAM (-12 to 15 dBmv)
Dimensions	4.4 in W x 2.8 in D x 1.0 in H (11.2 cm x 7.0 cm x 2.5 cm)
Weight	0.3 lbs (0.136 kg)

Specifications are subject to change without notice.



**Front HD-DTA100u**



**Rear HD-DTA100u**

**For Services, contact your Motorola account executive for more information.**

<b>476666-099-00</b>	DTA Headend Configuration Service
<b>MDEPLOY</b>	<p>MDEPLOY, Motorola’s set-top deployment program, provides you with a complete suite of deployment services you can use to upgrade or exchange your set-top population economically. The program provides you with a turnkey solution for quick deployments, or you can pick and choose à la carte services. Service options include:</p> <ul style="list-style-type: none"> <li>• Project management</li> <li>• Call Center staffing</li> <li>• High-volume Warehousing and Staging Logistics</li> <li>• Inventory Management</li> <li>• Self and assisted Installations</li> <li>• Set-top Box authorization</li> <li>• Centralized Database Tracking</li> </ul>