

DTA100

STANDARD DEFINITION MPEG-2 TO NTSC ANALOG TRANSPORT ADAPTER



- All-Digital • Single-Tuner • Full In-band

Product Overview

The Motorola DTA100 is an all-digital device that provides operators a cost-effective means of realizing the benefits of an all-digital network. The Motorola DTA100 features unidirectional functionality, a single tuner, standard definition decoding capabilities, and a basic user interface for accessing one-way digital services. Deploying the DTA enables an operator to reclaim the analog channels being carried on their system. The DTA provides those subscribers who relied on their analog channels with the same experience by converting digital services to analog within the subscriber's home. The resulting incremental spectrum can be used to enhance an operator's digital service offerings.



Hardware Features

- MPEG-2 Digital Video Processor
- ATSC standard Dolby Digital (AC-3) audio processor
- ITU standard 64/256 QAM/FEC/enhanced adaptive equalizer
- Support for SCTE-52 based content protection (not enabled in software)
- 54 – 864 MHz tuner
- Accelerated 2D graphics
- On-screen diagnostics
- External high-efficiency power supply

Standard Interfaces

Front Panel

- Power indicator
- IR remote control sensor

Rear Panel

- F-connector for cable input
- RF Remod output (ch. 3/4)
- Hardware switch for RF remod ch. 3/4 selection
- External IR input
- Power input for external power supply

SPECIFICATIONS

RF Input Frequency	54 to 864 MHz
Graphics Resolution	SD output 4:3 (720x480)
Video Resolution	480i NTSC
Operating Temperature	15 °C to 40 °C (50 °F to 104 °F)
Operating Humidity	5 to 95% (uncondensing)
AC Voltage	105 to 135 VAC, 57-63 Hz
Power Dissipation	5.5 W AC
Digital Input Level	64 QAM (-15 to 15 dBmV) 256 QAM (-12 to 15 dBmV)
Dimensions	4.0 in W x 6.0 in D x 1.3 in H (10.16 cm x 16.24 cm x 3.3 cm)
Weight	0.5 Lbs. (0.23 kg)

Specifications are subject to change without notice.

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