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

www.amt.com
DATA SHEET HD-DTA100U

General Specifications

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

Specifications are subject to change without notice.