**Performance**
The DVM-2400 receives GigE, 8VSB RF, Cable QAM RF, or ASI input and converts the signal into ASI, GigE and NTSC Video. It performs QAM to GigE conversion. Designed with pluggable modules, GigE, 8VSB, ASI, NTSC modules are interchangeable per user’s requirements.

**GigE Input/Output**  
- Data rate application up to 1250Mbps  
- Compliant with IEEE 802.3z draft D5.0 1000BASE-SX  
- Gigabit Ethernet  
- SFP connector (Supports both fiber or copper)  
- MPEG-2 over IP service (UDP based)  
- Configure for IP address, subnet mask, and UDP port number.  
- Filtering input packets based on IP address and UDP port number.  
- Pluggable  

**8VSB/QAM Input**  
- 8VSB/QAM RF input tuner  

**DVB-ASI Input/Output**  
- ASI Output card contains 2 BNCs, carrying 1 MPTS each  
- Pluggable  

**Video Decoding (Per Channel Basis)**  
- MPEG-2 Decoder in compliance with ISO/IEC 13818-1  
- MP@ML, MP@LL, and SP@ML 4:2:0 video decoder  
- 9.5MBits/Sec max. video bit-rate  
- Average TS rate < 120 Mbps  
- Pluggable  

**Audio Decoding**  
- MPEG-2 PES streams (MPEG-2 audio, MPEG-1 audio, AC-3, or Linear PCM)  
- Sample rates supported: 32KHz, 44.1kHz, and 48kHz.  
- Handles rates up to 28.5 Mbps  
- Pluggable  

**Secondary Audio Program (SAP)**  
- Simultaneous Decoding with Primary Audio  
- A channel must be dedicated to decode the SAP  

**User Interface**  
- Each channel is fully programmable to any IP and UDP port number  
- All settings and controls can be viewed and set using an RJ45 Ethernet on Web Pages. Supports SNMP, FTP, and HTML  

**Available Modules**

<table>
<thead>
<tr>
<th><strong>Inputs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>GigE (Fiber or Copper) Input</td>
</tr>
<tr>
<td>ASI Input (option)</td>
</tr>
<tr>
<td>8VSB/QAM Input (option)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Output</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>GigE (Fiber or Copper) Output</td>
</tr>
<tr>
<td>6 NTSC &amp; 6 Terminal Strip Audio L&amp;R Outputs (max)</td>
</tr>
<tr>
<td>ASI Output (option)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Remote Control</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>RJ45 100BaseT Ethernet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Power</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>AC</td>
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</tbody>
</table>

**Applications**  
- QAM to GigE  
- 8VSB to GigE  
- GigE to ASI  
- ASI to GigE  
- GigE to NTSC/Analog L&R (converting SD streams from Fiber to NTSC)  
- Digital Video Decoding and Monitoring  

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**www.amt.com**
General Specifications  (all specifications are preliminary and subject to change)

AC Power
- Frequency: 47-63 Hz
- Voltage: 85-264 VAC
- Current: 2 A (max)
- Fuse: 3 A, 250V
- Hot Plug: No
- Redundancy: No

Operating Conditions
- Temperature: 0º - 50ºC
- Altitude: 10,000 ft.
- Humidity: 95% non-condensing
- Cooling: Forced Air front entry rear exit
- User Interface: RJ45
- Support: SNMP, FTP, HTML

Dimensions
- Height: 1.75”
- Width: 19”
- Depth: 18.7”

Weight
- Net: 10 lbs
- Gross: 15 lbs

Safety & Agency
- UL, FCC

Ordering Information

<table>
<thead>
<tr>
<th>DVM-2400</th>
<th>-SLOT # 1</th>
<th>-SLOT # 2</th>
<th>-SLOT # 3</th>
<th>-SLOT # 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes one 1RU Bare Chassis and management included</td>
<td>Select A1 (ASI Input) or G1 (GigE Input) or R1 (8VSB/QAM Input)</td>
<td>Select A2 (ASI Output) or G2 (GigE Output)</td>
<td>Select A2 (ASI Output) or X1 (NTSC Out)</td>
<td>Select A2 (ASI Output) or X1 (NTSC Out)</td>
</tr>
</tbody>
</table>

Optional Equipment Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X1</td>
<td>Decoder Module: 2 Video and 2 L&amp;R Audio</td>
<td>A2</td>
<td>ASI Output Card</td>
</tr>
<tr>
<td>A1</td>
<td>ASI Input Card</td>
<td>G2</td>
<td>GigE Output Card</td>
</tr>
<tr>
<td>C1</td>
<td>1RU Bare Chassis</td>
<td>C2</td>
<td>GigE SFP Fiber Connector</td>
</tr>
<tr>
<td>G1</td>
<td>GigE Input Card</td>
<td>C3</td>
<td>GigE SFP Copper Connector</td>
</tr>
<tr>
<td>R1</td>
<td>8VSB/QAM RF Input Card</td>
<td></td>
<td></td>
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