The XMS 1U is a flexible low-cost solution for linear and dynamic ad insertion deployments. The XMS 1U provides a small form factor at only 1RU and supports lower capital expenses. With sustained and even increased revenue generation in mind, the XMS 1U’s interface resiliency technology promotes uninterrupted service to eliminate ad placement loss.

**FEATURES**

- Small Form Factor
- COTS Platform with Linux OS
- Compatible with existing Advertising back-offices
- Supports both MPEG2 and MPEG4 Video for SD & HD streaming
- Available splicer interfaces including ARRIS VIPr & CAP

**XMS 1U – up to 2Gbps**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bandwidth</strong></td>
<td>1Gbps &amp; 2Gbps Configurations</td>
</tr>
<tr>
<td><strong>Streaming Interfaces / Type</strong></td>
<td>4/1 GbE</td>
</tr>
<tr>
<td><strong>Power Consumption (MAX)</strong></td>
<td>Input Current (MAX)</td>
</tr>
<tr>
<td>120V AC</td>
<td>225W</td>
</tr>
<tr>
<td>-48V DC</td>
<td>202W</td>
</tr>
<tr>
<td>1.875A</td>
<td>4.208A</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>1.6TB Raw Storage (Internal SSD Media)</td>
</tr>
</tbody>
</table>
**GENERAL SPECIFICATIONS**

**Applications Supported**
- Linear Digital Program Insertion (DPI)
- Dynamic Advertising Insertion (DAI)

**Streaming Format**
- MPEG-4 AVC / H.264
- MPEG-2

**Streaming and Storage Options**
- Streaming interfaces: Gigabit Ethernet (1Gbe) / 1000BASE-T, RJ45 4 ports
- Management interfaces: Gigabit Ethernet (1Gbe) / 10/100/1000BASE-T, RJ45 6 ports
- Maximum Simultaneous Channels and Starts: 250 SD channels (SD = MPEG2 CBR 3.75Mbps)
- Storage Capacity: 1.6 Tbytes Raw Storage (800 Gbytes Effective Capacity), SSD Media

**Redundancy**
- Streaming Interfaces: Support for Link aggregation for resilient streaming
- Content Storage: RAID-10
- Power Supply: Dual redundant hot-swappable

**Power Supply Modules**
- **AC Switching PS Module**
  - AC Input Rating:
    - 700W: 100-140V / 8.5 – 6.0A / 50 – 60Hz
    - 750W: 180 – 240 / 5.0 – 3.8A / 50 – 60Hz
  - DC Output:
    - 700W: +12V / 58A
    - 750W: +12V / 62A
- **DC Switching PS Module**
  - DC Input Rating: -44 to -72 VDC / 20A Max
  - DC Output: +12V / 53.28A

**Dimensions**
- Height: 1.7 inches / 43mm
- Width: 17.2 inches / 437mm
- Depth: 23.5 inches / 597mm
- Weight: 37.0 lbs (16.8 kg)

**Environmental**
- Operating Temperature: 5-35 C (41-95 F)
- Storage Temperature: -40-60 C (-40-140 F)
- Operating Humidity: 8-90% (non-condensing)
- Storage Humidity: 5-95% (non-condensing)

**Regulatory & Safety Compliance**
- FCC Part 15 Class A
- CE EN55022, EN55024
- cULus/IEC/EN/60950-1, CB report,
- CB Certification
- RoHS 6/6 compliant
- WEEE (EU only)

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>782431</td>
<td>(XMS-MBD-1G-SSD) XMS 1U bundle for DPI, 1Gbps (125 channels). Includes base server w/ 4x1Gbps interfaces, 1.6TB internal SSD storage, associated SME licenses, and ACM.</td>
</tr>
<tr>
<td>782432</td>
<td>(XMS-MBD-2G-SSD) XMS 1U bundle for DPI, 2Gbps (250 channels). Includes base server w/ 4x1Gbps interfaces, 1.6TB internal SSD storage, associated SME licenses, and ACM.</td>
</tr>
<tr>
<td>782433</td>
<td>(XMS-MBD-1G-SSD-DC) XMS 1U bundle for DPI, 1Gbps (125 channels). Configured with DC Power. Includes base server w/ 4x1Gbps interfaces, 1.6TB internal SSD storage, associated SME licenses, and ACM.</td>
</tr>
<tr>
<td>782434</td>
<td>(XMS-MBD-2G-SSD-DC) XMS 1U bundle for DPI, 2Gbps (250 channels). Configured with DC Power. Includes base server w/ 4x1Gbps interfaces, 1.6TB internal SSD storage, associated SME licenses, and ACM.</td>
</tr>
<tr>
<td>780959</td>
<td>(XMS1U-SSD/SPARES) XMS 1U spares kit, with 2-480GB SSD and AC power supply.</td>
</tr>
<tr>
<td>780960</td>
<td>(XMS1U-SSD/DC/SP) XMS 1U spares kit, with 2-480GB SSD and DC power supply.</td>
</tr>
<tr>
<td>780962</td>
<td>(XMS1U/PS-DC/FRU) DC Power Supply for XMS 1U servers.</td>
</tr>
</tbody>
</table>

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