### USF-1013DEMUX Datasheet

#### 1. Specifications

<table>
<thead>
<tr>
<th>Basic specifications</th>
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<tbody>
<tr>
<td><strong>Temperature / Humidity</strong></td>
<td>0°C to 40 ºC / 30% to 85% (no condensation)</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>+12V DC (Supplied by USF frame)</td>
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<td><strong>Power consumption</strong></td>
<td>1 A</td>
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</tbody>
</table>
| **Dimensions** | Front Module: 106 (W) x 356 (D) mm  
Rear module: 114(W) x 20.2 (H) |
| **Weight** | 0.5 kg |
| **Required Slot** | 1 Slot |

#### Technical specifications

| Video formats          | 3G-SDI: 1080/59.94p, 50p, 60p (Level-A and Level-B)  
HD-SDI: 1080/59.94i, 50i, 60i  
1080/30p, 29.97p, 25p, 24p, 23.98p, 24PsF, 23.98PsF  
720/59.94p, 50p, 60p, 24p, 23.98p  
1035/59.94, 60i  
SD-SDI: 525/59.94i, 625/50i |
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<tbody>
<tr>
<td><strong>SDI Input</strong></td>
<td>3G/HD/SD-SDI  BNC x 1</td>
</tr>
<tr>
<td><strong>SDI Output</strong></td>
<td>3G/HD/SD-SDI  BNC x 1</td>
</tr>
</tbody>
</table>
| **Audio Input** | SDI embedded (3G/HD-SDI)  
Number of channels 16 ch  
Sampling rate 16/20/24-bit  
48 kHz (Synchronous)  
48 kHz (Asynchronous) |
| SDI embedded (SD-SDI) | Number of channels 16 ch  
Sampling rate 16/20-bit  
48 kHz (Synchronous only) |
| **Audio output** | SDI embedded (3G/HD-SDI)  
Number of channels 16 ch  
Sampling rate 16/20/24-bit  
48 kHz (Synchronous)  
48 kHz (Asynchronous)  
Number of channels 16 ch  
Sampling rate 16/20/24-bit  
48 kHz (Synchronous only) |
| **AES/EBU** | Unbalanced, 75Ω  BNC x 4  
Number of channels 8 ch  
Sampling rate 16/20/24-bit  
48 kHz (SD - Synchronous only)  
48 kHz (3G/HD - Synchronous and Asynchronous) |
| **Audio in/out gain** | Adjustable from -20 dB to +20 dB (in 0.1 dB steps) |
| I/O delay (SDI IN - OUT) | 3G Level-A: Less than 1.0 μs  
3G Level-B: Less than 1.5 μs  
HD: Less than 1.5 μs  
SD: Less than 2.0 μs. |
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<tbody>
<tr>
<td>(Audio IN-SDI OUT)</td>
<td>Less than 1.0 ms</td>
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<td>SNMP</td>
<td>Supports version v2c</td>
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</tbody>
</table>

**Accessories**
Screws for rear module installation and DVD-ROM
2. External Dimensions

(All dimensions in mm.)