The Media Links MDP3010 is a low cost, compact, stand-alone appliance that decodes IP encapsulated JPEG 2000 streams anywhere.

The device receives IP packets that contain a JPEG 2000 compressed code stream through a 1 GbE network interface and reproduces an uncompressed output signal.

Two SDI outputs are provided along with an HDMI output port for connection to a general purpose display device. An SFP (small form-factor pluggable) port is also available as an additional electrical or optical SDI output.

The MDP 3010 is compact enough for limited space installations and fits comfortably next to or behind a video display, minimizing cabling requirements via its IP network connection.

Advanced capabilities such as Forward Error Correction (FEC), Output Signal Correction, Video ID and Tally Insertion as well as Video Status Monitoring are also included.

Typical application of MDP3010 Decoder
### SPECIFICATIONS & SUPPORTING PARAMETERS:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>External dimensions</td>
<td>198 mm (W) x 35 mm (H) x 100 mm (D)</td>
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<tr>
<td>Weight</td>
<td>0.7 kg or less</td>
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<tr>
<td>No. of cooling fan modules</td>
<td>1 (Design life time = 75,000 hours)</td>
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</table>
| Operating environment                              | Temperature: 0 °C - 40 °C  
Humidity: 20% - 80% (Non-condensing) |
| Power supply                                       | Input: 12 VDC  
Consumption: 24 VA or less                                              |
| Ethernet port                                      | 1x SFP (MSA) -- ETHER SFP  
1000BASE-X (optical) or 1000BASE-T (electrical)                           |
| SDI output port(s)                                 | 2x BNC 75 ohm (Unbalanced)  
- SDI IN/OUT port  
- SDI MON port  
1x SFP (Non MSA)  
- SDI SFP port (TX port only, RX not used)                                |
| SDI video formats supported                        | SD-SDI: 625/50 or 525/59.94  
HD-SDI: 1080i/50, 1080i/59.94, 720p/50, or 720p/59.94  
3G-SDI: 1080p/50 or 1080p/59.94 |
| HDMI output port                                   | 1x HDMI Type-A -- HDMI OUT  
HDMI 1.4b and HDCP 1.4 supported                                        |
| HDMI video formats supported                       | SD-SDI: 1440x480i/59.94 (16:9) or 1440x576i/50 (16:9)  
HD-SDI: 1920x1080i/50 (16:9), 1920x1080i/59.94 (16:9), 1280x720p/50 (16:9) or 1280x720p/59.94 (16:9)  
3G-SDI: 1920x1080p/50 (16:9) or 1920x1080p/59.94 (16:9)  
Up to four (4) AES audio channels                    |
| Video compression data rates                       | SD-SDI: 24-125 Mbps  
HD-SDI: 75-350 Mbps  
3G-SDI: 100-350 Mbps                                                      |
| Audio                                              | Up to 8 AES Channels                                                    |
| Ancillary data (Packet ANC)                        | Up to 8 ancillary packets                                              |
| Ancillary data (Packet ANC)                        | SD-SDI: 525/59.94 - Line 9-21, Line 273-284  
625/50 - Line 7-24, Line 320-337  
HD-SDI: 1080/50,1080/59.94 - Line 9-22, Line 571-585  
720p/50,720p/59.94 - Line 9-27  
3G-SDI: 1080/50,1080/59.94 - Line 9-43                     |