Description

The iris is an SDI vision mixer/production switcher with 12 SDI inputs covering all current SD standards that exist on a single cable link up to 1.5 Gbit/s. Program & Preset control and two Aux Bus outputs are also included. The unit provides video only mix, wipe, cut and U and V fades transitions under manual or auto transition control.

Physically the unit consists of an 12x4 SDI crosspoint router chassis, ‘Video Router Unit’, and a referenced two input SDI vision mixer, ‘A/B Mixer Unit’.

Associated equipment

Standard iris control panel, CP-10 includes:

Main Features

12 SDI Inputs.

Cut/Mix/8 wipe/U fade and V fade transition types.

Fast/Medium/Slow/User Auto-transitions with wipe soft/coloured border styles.

T-Bar manual operation and preset monitoring output with safe area generator.

Engineering timing set-up menus.

M2100 automation able with typical Power consumption of 25W.

3 wire control cable between panel and chassis (2 wire I bus control and 2 power wires).
### Rear Connections

![Rear Connections Diagram]

### Technical Specification

<table>
<thead>
<tr>
<th>When in SDI mode:</th>
<th>Ancillary Data</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SDI Outputs</strong> (270Mbit, 800mV p-p±10% into 75ohms load)</td>
<td>2 x Video out to SMPTE 259M-C, 4:2:2, 270Mb/s, 525/60 and 625/50, PGM &amp; PVW; 4 outputs from ‘Video Router Unit’, A, B, Aux1 and Aux2.</td>
</tr>
<tr>
<td><strong>SDI cable equalisation</strong></td>
<td>At least 200m of PSF 1/3. Return Loss better than 18dB, 5MHz - 270MHz.</td>
</tr>
</tbody>
</table>

### Ordering Information

**Product Code:** iris 12-input SDI Vision Mixer (includes 1RU chassis with remote panel).

**Option:** TB-10 Metal Tub to house Control Panels.