DisplayPort Accessories
Datapath Extension and Adaption Modules

DPEXTEND
The DPEXtend module allows the DisplayPort outputs of the Datapath ImageDP4 graphics card to drive resolutions of up to 2560 x 1600 x 60Hz over 40m into a native DisplayPort monitor.

The compact DPEXtend module sits securely in the middle of the cable run, using full-sized, locking DisplayPort connectors and intelligently boosts and equalises the DisplayPort signals to extend the cable length. Using high quality Datapath supplied DisplayPort cables the DPEXtend can support 20m cable lengths on both input and output ports providing a cable reach of 40m for added flexibility in multi-screen system solutions.

DPADAPT
The Datapath DPAdapt module is an active DisplayPort to DVI converter which allows the Datapath ImageDP4 graphics card to drive legacy Single-Link DVI monitors at up to 165Mpixels/s. Unlike other DisplayPort to DVI converters which have short, fixed DisplayPort connections, the DPAdapt can accept a long input cable, allowing it to exploit the improved cable driving performance of the DisplayPort signal standard. Using a high quality Datapath supplied 20m DisplayPort cable and a standard 5m DVI output cable a 25m run to the DVI monitor is now possible. By combining both the DPEXtend and DPAdapt, cable runs of up to 45m are possible with no additional power supplies.

POWER
The DPEXtend and DPAdapt are entirely powered by the ImageDP4 graphics card output connectors providing the Datapath DisplayPort cables are used. The DPEXtend also compensates for voltage losses in the cables to allow it to additionally forward power to the DPAdapt module for ultimate conversion to DVI.

Engineering the world's best visual solutions
Datapath Extension and Adaption Modules

**FEATURES**

**DPEXTEND:**
- Supports all DisplayPort 1.1a resolutions up to 2560 x 1600 (up to 385Mpixels/s)
- Connects two Datapath 20m DisplayPort cables to provide 40m cable runs
- Powered by the Datapath ImageDP4 graphics card*
- Supports HDCP
- Full latching DisplayPort connectors

**DPADAPT:**
- Active DisplayPort to DVI conversion at up to 1920 x 1200
- Supports up to 20m Datapath DisplayPort input cables
- Supports single-link DVI-D output
- Powered by the Datapath ImageDP4 graphics card*
- Supports HDCP
- Supports full access to the EDID of the DVI monitor

**SPECIFICATION**

**DPADAPT:**

**DISPLAYPORT VERSION**
1.1a (4 lanes)

**CABLE LENGTHS**
Up to 2 x 20m DisplayPort (30m total)

**HDCP SUPPORT**
Yes

**SIZE**
50mm x 56mm

**POWER**
0.4W (from Datapath cable, no external power required)

**DP POWER INDICATION**
Green LED on input port

**DPEXTEND:**

**DISPLAYPORT VERSION**
1.1a (4 lanes)

**DVI VERSION**
1.0 (single-link) DVI-D

**CABLE LENGTHS**
20m DisplayPort, 5m DVI (25m total)
(40m DisplayPort when used in conjunction with DPExtend)

**HDCP SUPPORT**
Yes

**SIZE**
54mm x 56mm

**POWER**
1.1W (FROM DATAPATH CABLE, NO EXTERNAL POWER REQUIRED)
0.4W (from Datapath cable, no external power required)

**DP POWER INDICATION**
Green LED on input port

**MODELS AVAILABLE**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>DPadapt10</td>
<td>DisplayPort DVI conversion module, plus 10m powered DisplayPort cable</td>
</tr>
<tr>
<td>DPadapt15</td>
<td>DisplayPort DVI conversion module, plus 15m powered DisplayPort cable</td>
</tr>
<tr>
<td>DPadapt20</td>
<td>DisplayPort DVI conversion module, plus 20m powered DisplayPort cable</td>
</tr>
<tr>
<td>DPExtend10</td>
<td>DisplayPort signal extender, plus 10m powered DisplayPort cable</td>
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We are continuously developing the technology used within our product ranges delivering outstanding innovative solutions, therefore the specification may change from time to time.