iolute 600

Advanced graphics display technology

COMPACT VIDEO DISPLAY TECHNOLOGY

The ability to install multiple screens and drive them from a single, simple unit has become central to businesses wanting enhanced conferencing and presentation facilities. In turn reception areas require both space for video centric informational resources, news feeds and traditional signage delivering corporate messaging in a variety of ways.

Datapath’s iolute 600 is a small, quiet video system for delivering all of those requirements and more. Designed to house a number of video capture cards alongside multi-output graphics cards and SQX IP cards the iolute 600 offers the ultimate in flexible multi-screen video deployments. The iolute is available in fixed configurations for immediate delivery or can be customised to exactly suit the project requirements.

DRIVING VIDEO WALL INSTALLATIONS

The iolute 600 offers users the ability to include up to six of Datapath’s video capture, graphics or IP decoding cards. Combined with a high performance Windows® system the iolute can; drive multiple screens simultaneously, delivering video captured from a range of sources including media players, television set top boxes and online & local media.

The iolute is available as standard with an Intel Corei5 processor, 240GB SSD hard drive and 8GB of RAM. Upgrade options are available to allow the inclusion of additional, higher capacity SSD drives, more memory and an Intel Corei7 processor.

Engineering the world’s best visual solutions
FULLY FEATURED WALL CONTROL
Datapath’s iolite 600 system is compatible with Datapath’s WallControl 10 software. WallControl 10 allows users to quickly and easily place video sources anywhere on the video wall. Common arrangements can be saved as layouts for recall at any time and any section of the wall can contain “carousels” of videos playing one after the other at definable intervals. Administrators of WallControl 10 are able to configure a single system to drive multiple walls. Each of these walls can be assigned a number of user roles, and each user role can allow different access to sources, local videos, layouts and templates².

COMPATIBILITY
The iolite 600 is fully compatible with Windows LTSC operating system³.

MODELS AVAILABLE
The iolite 600 is compatible with Datapath’s half length cards⁴ and systems can be ordered with any suitable combination of Datapath graphics, capture and SQX cards on Datapath’s standard 10 day lead time.

A number of preconfigured systems are available to order for delivery within 48 hours:

Order Code: iolite 600 / 101
iolite 600 with WallControl 10 Standard
1 x Image2K (up to 4 screens)
1 x VisionSC-HD4+ / H (4 x HDMI captures)

Order Code: iolite 600 / 102
iolite 600 with WallControl 10 Standard
2 x Image2K (up to 8 screens)
1 x VisionSC-HD4+ / H (4 x HDMI captures)

SPECIFICATION

**MOTHERBOARD**

<table>
<thead>
<tr>
<th>SBC</th>
<th>Industrial motherboard, 3 x DisplayPort control screen</th>
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</thead>
<tbody>
<tr>
<td>Outputs</td>
<td>4 x USB 3.0 ports, 4 x USB 2.0 ports</td>
</tr>
<tr>
<td>Ethernet</td>
<td>2 x Intel Gigabit Ethernet port</td>
</tr>
<tr>
<td>WiFi</td>
<td>Optional (via USB adapter)</td>
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**PROCESSOR**

| Standard | Intel Corei5 |
| Optional Upgrade | Intel Corei7 |

**BACKPLANE**

Datapath Express6
Six PCIe Slots
Five PCIe Gen2 slots x8
Single PCIe Gen3 slot x8

**HARD DRIVE**

| Standard | Single 240GB SSD |
| Optional Upgrade | 480GB SSD Customers may upgrade to dual drives with RAID Please confirm at time of ordering |

**MEMORY**

| Standard | 8GB |
| Optional Upgrade | 16GB |

**POWER SUPPLY**

ATX 250 watts

**DIMENSIONS**

| Size | 320mm (l) x 175mm (h) x 250mm (w) |
| Weight | 10 - 15kg (shipped 15 - 20kg) |

**COMPLIANCE**

FCC / CE / RoHS / UL

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¹The following cards are suitable for use within the iolite 600: Image2K⁴, VisionSC-DP2, VisionSC-HD4+, VisionSC-SDI4, VisionSD8, VisionAV-HD & ActiveSQX. Specifications are subject to change. For further details please contact your Datapath representative.

²MultiWall and User Rights Management are only available with WallControl 10 Pro.

³Datapath systems are not compatible with Windows 10 Home Edition.

⁴When using 4K outputs from the Image2K, Datapath recommend setting them at 30fps to avoid reduced transfer rates.

All products are shipped with the latest software versions, unless stated otherwise. The specification stated is a minimum only. Higher specification systems may be provided without prior notice. Special requirements may be organised by contacting our Sales team.

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