

iolite 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 iolite 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 iolite 600 offers the ultimate in flexible multi-screen video deployments. The iolite is available in fixed configurations for immediate delivery or can be customised to exactly suit the project requirements.

DRIVING VIDEO WALL INSTALLATIONS

The iolite 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 iolite 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 iolite 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


DATAPATH
EXCELLENCE BY DESIGN

Video wall controller compact solution

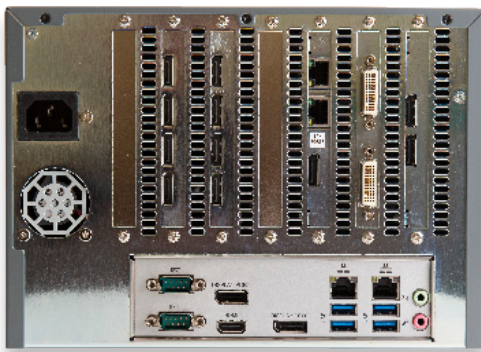
FULLY FEATURED WALL CONTROL

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.



SPECIFICATION

MOTHERBOARD

SBC

Industrial motherboard, 3 x DisplayPort control screen

Outputs

4 x USB 3.0 ports, 2 x USB 2.0 ports

Ethernet

2 x Intel Gigabit Ethernet port

WiFi

Optional (via USB adapter)

PROCESSOR

Standard

Intel Corei5

Optional Upgrade

Intel Corei7

BACKPLANE

Datapath Express6

Six PCIe Slots

Five PCIe Gen2 slots x8

Single PCIe Gen3 slot x8

MODELS AVAILABLE

The iolite 600 is compatible with Datapath's half length cards¹ 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)

Order Code: iolite 600 / 103
iolite 600 with WallControl 10 Standard
3 x Image2K (up to 12 screens)
1 x VisionSC-HD4+ / H (4 x HDMI captures)

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

¹The following cards are suitable for use: within the iolite 600: 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.

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