

## Press Release

### **University of Essex responds to rapid growth with continued roll-out of Calibre scaler-switchers**

#### ***New building will see 40 existing units substantially augmented***

**Bradford, Yorkshire, UK, 6 February 2018** - At ISE 2018, Calibre UK (Stand 1-N70) is announcing that the University of Essex is continuing to invest in the acquisition of the company's HQView620A scaler-switchers. Some 40 units have already been deployed, and these will be augmented as the university brings its new STEM (science, technology, engineering and mathematics) building online.

The Calibre HQView620A is a universal audio and video scaler-switcher based on the company's proprietary, class-leading HQUltra 4K image processing technology. For this project, all Calibre equipment was supplied and supported by GV Multimedia in London.

The university has seen a dramatic increase in student numbers, requiring it to update all the rooms across its estate such that it has the flexibility to deliver any kind of teaching from any room. This initiative also saw the university look to substantially increase productivity by implementing a common specification and control architecture, making the rooms more intuitive for each user.

"Our fast expansion into new buildings meant that we required an AV design that was scalable and repeatable with a highly effective supply chain," said Michael Rosevear, Development Co-ordinator for Learning Environment Technology Services at the University of Essex.

"Calibre fast became our switcher supplier of choice with the introduction of the HQView range, giving extremely fast and reliable switching and adaptable scaling to facilitate the range of inputs required by our users. The HQview range was selected in comparison to a number of alternatives, and came out favourably when compared on specification, performance and return on investment."

The university is undertaking a move to video-over-IP, based on the SVSI system. A head end switcher scaler was required to deliver the required input density on its lecterns, and the small size of the HQView620A meant that the university was able to adopt these in most rooms and increase the speed of its roll out of video-over-IP.

“The STEM building will be primarily collaborative spaces,” continued Rosevear, “with rooms ranging from single teaching position PC labs to a collaborative suite with 23 shared work stations where the lecturer or students can present to the whole group. These rooms will all feature Calibre switchers to allow the use of PiP to display the presentation content to the group desks whilst allowing the user of the desk to continue to use their work station.”

“We’re delighted with how successful the University of Essex’s deployment of our scaler-switchers has been, and that they are helping the university to respond to the rapid growth it is experiencing and contributing to its success,” said Willy Tsai, Executive Vice President at Calibre. “Our scaler-switchers provide precisely the high degree of flexibility and scalability needed in a fast moving environment.”

Calibre’s HQUltra scaling provides best in class picture quality with low latency video processing. Featuring Calibre’s proprietary HQUltraFast input channel switching, the HQView620A is able to switch input channels in as little as a quarter of a second.

The HQView620A has a wide range of input connectivity for today’s digitally connected ProAV world, but also supports numerous legacy formats. It includes stereo analogue audio inputs and outputs with audio-follow-video capability. Two microphone inputs with phantom power are available, together with an internal mixer for talk-over.

The internal power amplifier provides 2x15W RMS to directly drive loudspeakers in meeting rooms and smaller conference rooms, plus line level balanced stereo outputs to drive an external amplifier or powered loudspeakers.

The HQView620A features front panel controls with easy to read front panel menu plus remote control via inbuilt webserver and easy to implement API commands.

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### **About Calibre**

Multi-award winning British company, Calibre has over the past 30 years achieved world recognition providing image scaling and processing technologies for use in broadcast/television, digital cinema, medical, large venue projection, LED videowalls. Calibre manufactures products under its own brand-names as well as providing products and technology to several market leaders in the Pro-AV market worldwide. Calibre is a market leader in innovation, utilizing its own, UK & Germany-based in-house hardware and software design teams for all its product developments and its own UK manufacturing.

### **Some useful links:**

Twitter: @CalibreProAV

Website: [www.calibreuk.com](http://www.calibreuk.com)

### About Coretronic Corporation

**Coretronic Corporation (Coretronic)** was established in Hsinchu Science Park on June 30, 1992. Coretronic is a DLP projectors, interactive projection system, projection module, LCD backlight module, Touch module, industrial and medical LCD display, commercial LCD display manufacturer in Taiwan.

Coretronic generated US\$1,768.7 million in sales revenue in 2016 and now has about 17,000 employees throughout its global operations spreading across Taiwan, Mainland China, the United States, and Europe.

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Calibre HQView620A scaler switcher © Calibre



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[http://www.calibreuk.com/images/press\\_images](http://www.calibreuk.com/images/press_images)

## 新闻报道

### **Essex 大学不断添新教学设施，Calibre 专业视频处理器鼎力支持 新教学大楼内已安装 40 台 Calibre 视频处理器，并将继续添加**

2018 年 2 月 6 日英国约克郡，布莱德福特 – Calibre 公司于 2018 年 ISE 展会上宣布，Essex 大学将继续投资和进购 Calibre 的 HQView620A 型号视频处理器。目前已有 40 台设备安装完毕，随着该大学新 STEM(科学，技术，工程和数学)教学楼竣工和网络建成，所需处理器的数量将继续增长。

HQView620A 是一款高性能的音视频缩放切换器，具备 Calibre 顶级专有的 HQUltra 4K 图像处理技术。该项目中所有 Calibre 设备均由位于伦敦的 GV Multimedia 系统集成商协助提供。

鉴于学生数量急剧上升，该大学希望更新其所有教学场所和设施，以便更加灵活和方便地为学生提供各类教学内容。校方希望通过此次此举实现一整套通用规范的教学控制系统，更为有效地利用教学场所和设施。

Essex 大学教学设施和技术服务部负责人 Michael Rosevear 说：“目前我校正快速兴建教学楼，需要一套可持续的专业音视频设计方案和高效供应链来支持该项目。”

他表示，“随着 HQView 系列产品的推出，Calibre 很快成为我们的视频处理器供应商。其产品稳定性，超快切换以及强大的缩放功能，完全满足我们用户的要求。HQView 系列产品经由我们对比，从众多品牌中脱颖而出，我们在其产品规格，性能以及投资回报率等方面都做了详细分析，非常满意。”

该校基于 SVSI 系统，朝着 IP 音视频解决方案方向发展，借助高性能的缩放切换器可在讲台上有效完成音视频教学内容。HQView620A 系列产品不仅加快了 IP 音视频的传输速度，还完美适应各类教学环境。

“STEM 教学楼可以说是个合作空间,” Rosevear 补充道, “从独立的 PC 讲堂到 23 个共享会议室套间, 在这里师生可与整个团队互动和演讲。所有教室都将配备 Calibre 的切换器, 通过 PiP 画中画将演示内容显示到桌面, 与此同时, 用户可继续使用他们自己的工作台。”

“感谢 Essex 大学配备 Calibre 的缩放切换器, 我们很荣幸能一同见证这所大学的快速成长, 也很高兴见到我们的产品正在为此做出积极的贡献” Calibre 执行副总裁 Willy Tsai 先生说道, “我们的缩放切换器将在快速移动环境下提供系统所需的高度灵活性及可扩展性。”

Calibre 领先的缩放技术可提供优质的画面及低延迟视频处理。基于其专有的 HQUltraFast 输入切换技术, HQView620A 可使输入信号在 1/4 秒内完成切换。

HQView620A 提供多种信号连接, 既适用于当今专业数字音视频, 也支持旧的音视频格式。它还具备立体声模拟音频输入和输出及音频跟随视频切换功能。两个麦克风输入端口兼备幻象电源, 内部混音器供对讲。

内置的功率放大器具备 2x15W RMS, 可直接驱动扩音器以供会议室及视频会议室使用。除此之外, 它还具备 line level 平衡立体声输出, 可直接驱动外接放大器或主动式音箱。

HQView620A 既可通过设备前端控制面板操作, 也可通过设备内置网络服务器或简单的 API 控制协议来实现远程操控。

结束语

## 关于 Calibre

Calibre 是一家屡获殊荣的英国公司, 在过去的 30 年间, Calibre 在多项技术中获得了世界的认可, 其图像缩放和处理技术广泛应用于广播/电视, 数码摄像, 大型场馆

投影, LED视频墙等领域. Calibre的产品以自有品牌命名, 同时也向全球专业视听领域的市场引导者提供产品和技术. Calibre是创新的市场引导者, 所有产品的研发和生产制造都由其在英国和德国的软硬件设计团队支持.

### 相关链接:

Twitter: @CalibreProAV

Website: [www.calibreuk.com](http://www.calibreuk.com)

### 关于中强光电

中强光电(中光电) 建于 1992 年 6 月 30 日, 位于台湾新竹科学园区。中强光电是一家数位投影机, 互动式影像投影系统, 影像投影模组, 液晶背光板, 触控模组, 工业、医疗、商业液晶显示器的台湾制造商。

2016 年中强光电的营业额为 17.69 亿美金, 目前全球员工数达 17,000 人, 运营遍布台湾, 中国大陆, 美洲及欧洲等地。

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Calibre HQView620A scaler switcher © Calibre



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