Heriot-Watt University, Edinburgh, UK: VZ-9.4 systems take centre stage.

Two WolfVision VZ-9.4F Visualizers installed side by side at Heriot-Watt University.

Heriot-Watt University in Edinburgh has established a worldwide reputation for excellence in teaching and research. It is widely regarded as one of the leading UK universities for industry and business, and it is well-known for providing stimulating, supportive environments where both staff and students can excel. The Information Services directorate plays a vital role here, providing AV support to staff and students – and ensuring that the most effective learning technologies are available for use in classrooms.

Key factors in the selection of WolfVision Visualizer solutions for use in lecture theatres, and other learning environments throughout the university, include their outstanding image quality, ease of use, durability, and reliability. Also of special importance to Heriot-Watt is the ability of the most recently installed VZ-9.4F systems to operate as a central hub for smaller AV classroom solutions. Together with a projector, a PC, and a basic control panel, the VZ-9.4F with its multiple HDMI inputs, built-in microphone, and HD camera, is utilised as a cost-effective stand-alone multimedia imaging solution that enables users to switch easily between 'live' object display, and

Heriot-Watt University, Edinburgh, UK:
http://www.hw.ac.uk

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presentation of a wide range of other multimedia material.

Heriot-Watt University also uses VZ-9.4F Systems for content capture, mainly for recording short academic video podcasts. A key consideration in system selection was also the portability of the VZ-9.4F, enabling its usage away from lecture theatre locations – for example by lecturers who wish to make high qua-lity recordings in a more relaxed environment, not necessarily 'live' in front of a class.

In lecture theatres whe-re difficult mathematical and scientific concepts are explained, two VZ-9.4F Visualizer systems are installed side by side. Using a compositor, the two 'live' Visualizer ima-ges of handwritten ma-terial are processed and then displayed side by side on a single monitor. This enables simultane-ous on-screen display of theorems, proofs and derivations, etc., allowing the clearest possible ex-planations of complex in-formation to be presented to students.

"The ability of WolfVi-sion systems to handle multimedia presentation content and their out-standing ease of use me-ans that these Visualizer systems have become an indispensable part of our university audiovisual infrastructure." said Dou-glas Marsland, Head of Audiovisual Services at Heriot-Watt University. "I do believe that WolfVision Visualizer Systems add real pedagogic value, and they have the flexibility to perform equally well, whe-ther installed as a central component of a class-room AV solution, or as a highly portable, all-in-one stand-alone system."

Key specifications:

- Native 1080p HD Camera
- 60 frames per second
- Continuous high speed autofocus
- WLAN (2.4GHz & 5GHz)
- Video recording with audio
- Built-in microphone
- H.264 video streaming
- Widescreen preview monitor
- Live-to-freeze comparison
  (picture-in-picture, and side-by-side)
- Adjustment-free LED light system
- Optional dry-erase working surface
- 2x HDMI in, 1x HDMI out, RGB out, LAN port,
  USB device port, 3x USB host ports
- Audio line in/out
- UVC Driver
- Apps: vSolution Connect, vSolution Control
- Software: vSolution Link