



Education // Digital Signage

Primary School | Hong Kong



A primary school in Hong Kong is looking for a major upgrade to its A/V multimedia system. The school requires up to 1080p signal transmission from 6 different sources (VGA and HDMI) to 1 website and 13 displays (VGA and HDMI) across their campus. The solution would need to extend up to 60 meters across 3 floors and carry a diverse range of source content, including the headmaster's addresses during assembly and other events (camera), school announcements (camera), experiments and science projects (digital overhead projector), and educational movies (DVD player).

Challenges

Long distance 1080p video transmission across 3 floors.

Broadcasting 6 different video sources (HDMI, VGA) to 13 displays throughout their campus.

Integration and expandability of different devices with either HDMI or VGA interfaces.

Solutions

Video Matrix Switches
VM1600

Video Extender
VE802

Video Converters
VC180
VC812

Benefits

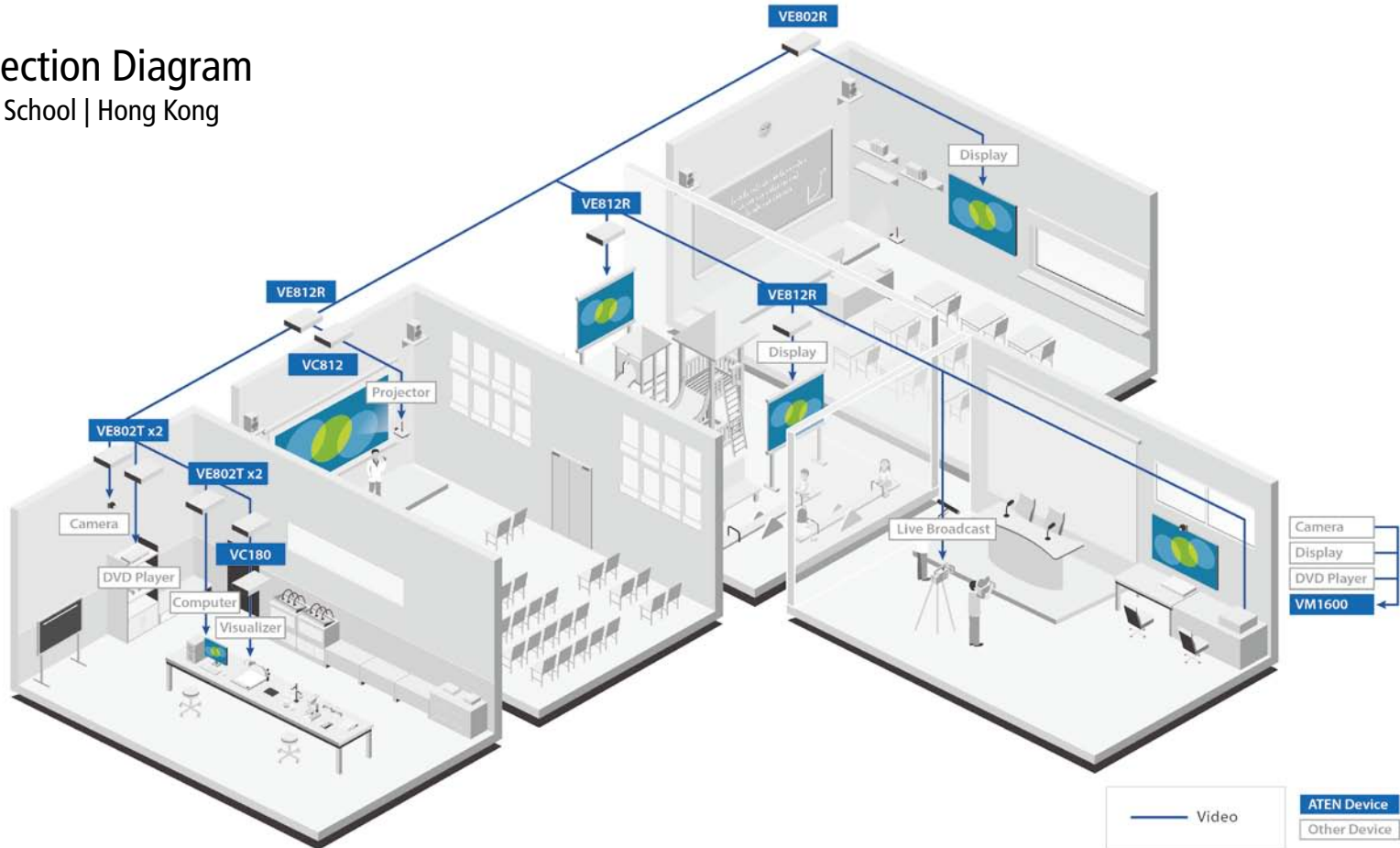
The HDBaseT-Lite Extenders (VE802) are able to deliver 1080p HDMI video transmissions up to 70m via Cat 6a cables without requiring an external power source.

The VC812 HDMI-to-VGA and VC180 VGA-to-HDMI converters provide complete compatibility between old and new hardware, allowing a smooth and cost-effective transition for the school.

The VM1600's module-like construction allows a variety of different input/output boards and ensures the solution is both dynamic and upgradeable.

Connection Diagram

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Simply Better Connections



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