

**ATEN HDMI Solutions offer a web GUI and HDMI signal transmission of up to 60m to provide convenient, comprehensive video management**



**Overview: Automotive Component Manufacturer**

An automotive component manufacturer wants to design a new meeting room with multiple HDMI sources and displays. To efficiently manage these devices, the company need professional HDMI solutions that meet the following requirements:

1. Transmission of multiple HDMI sources to multiple HDMI displays
2. Ability to propagate HDMI signals over extended distances
3. Support remote management of multiple sources and displays

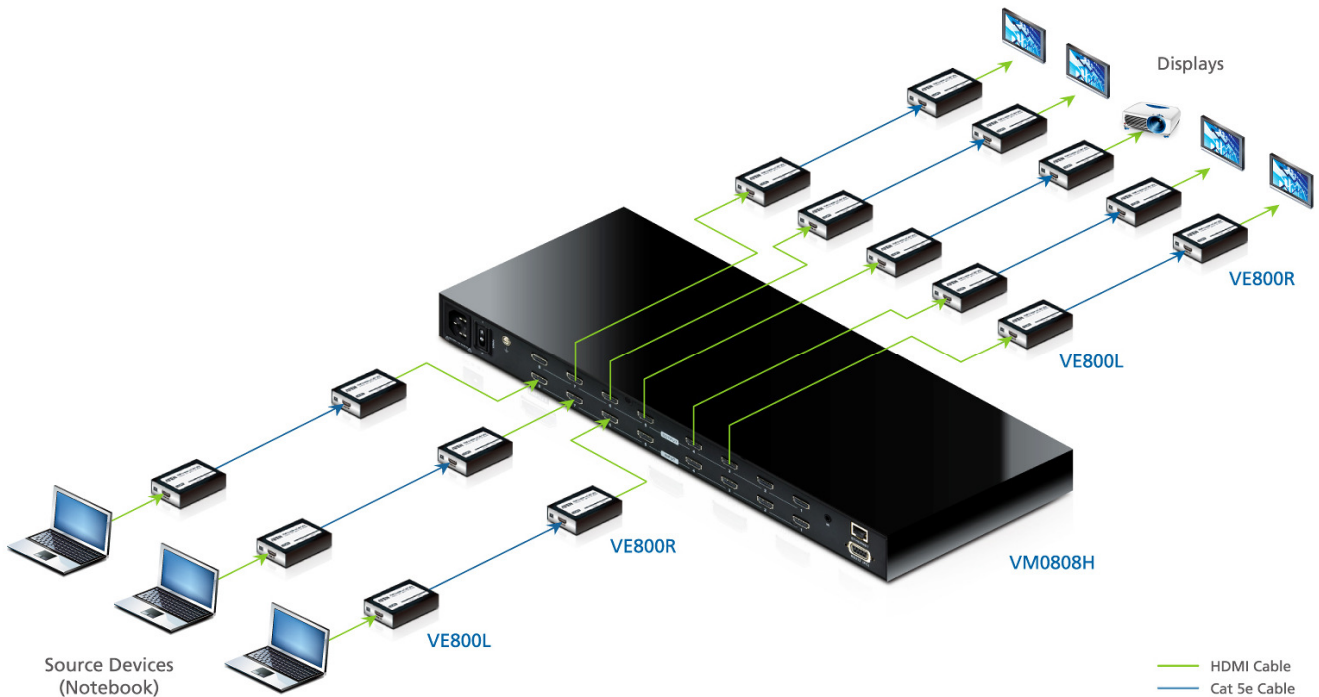
**Solution**



**VM0808H x 1**  
8x8 HDMI Matrix Switch



**VE800 x 8**  
HDMI Extender



**Benefits**

- **Long Distance Transmission** - VE800 HDMI Extenders utilize Cat 5e cables to increase the distance between HDMI sources and HDMI displays by up to 60 meters
- **Superior A/V Quality** - Support HDTV video resolutions up to 1080p, and HDMI video resolutions up to 1920 x 1200
- **Easy Switching** - Easy, distortion-free, real-time transmission and video switching of up to 3 HDMI sources to as many as 5 HDMI displays
- **Efficient management** - The ATEN VM0808H Matrix Switch provides a browser based GUI allowing remote control of switching operations to increase management efficiency and operational convenience

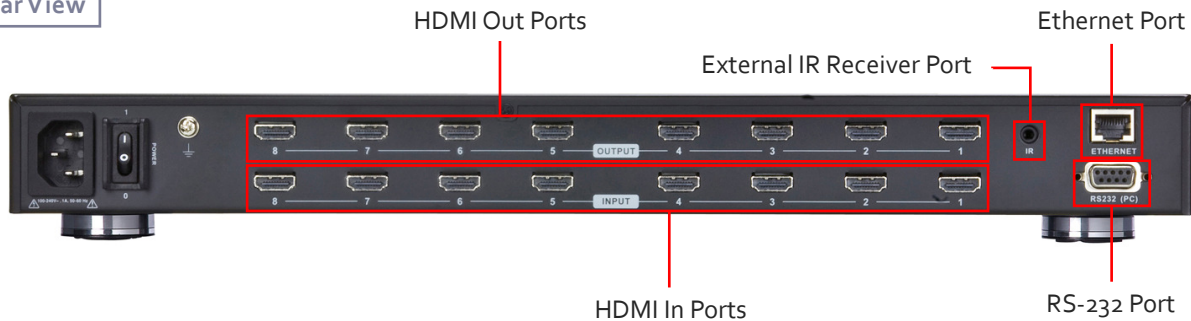
**Features**

**VM0808H**  
**8x8 HDMI Matrix Switch**



- Connects any of 8 HDMI sources to any of 8 HDMI displays
- Long Distance Transmission – up to 20 meters (24 AWG)
- HDMI (3D, Deep Color) ; HDCP compatible
- Easily switch between multiple sources and multiple displays - front panel LCD display, tuner dials and pushbuttons, IR remote control, serial controller, and browser based GUI
- Superior video quality – HDTV resolutions of 480p, 720p, 1080i, and 1080p (1920 x 1080), VGA, SVGA, SXGA, UXGA and WUXGA (1920 x 1200)
- Supports Dolby True HD and DTS HD Master audio
- Feature EDID Expert technology to set up different configurations via different EDID modes
- Power on Detection – If an HDMI sources is powered off, the VM0808H can automatically switch to the next powered-on source

Rear View



**VE800**  
**HDMI Extender**



- Uses less expensive Cat 5e cable to connect the local and the remote units
- Extends 1080p signals by 40 m; extends 1080i (HDTV) signals by 60 m
- Superior video quality – 1920 x 1200 @ 60Hz , up to 1080p
- HDMI (3D, Deep Color)
- DDC compatible
- HDCP 1.1 compatible
- 8 segment equalization adjustment switch optimizes display quality
- Supports Dolby True HD and DTS HD Master Audio
- Supports IR signals for remote control
- Either the HDMI device or display can be controlled via IR control
- Non-Powered (only one power adapter is required)

➤ **VE800L Local Unit**

➤ **VE800R Remote Unit**

Front View

Rear View

Front View

Rear View

