

AV Renovation including a Master Bathroom with Single Wire Aquavision HDBaseT TV

End Customer: *Private home*

Vertical: *Home Residential*

Location: *Toms River, New Jersey, USA*

About the End Customer

A couple renovating their home in Toms River, New Jersey, USA approached local installer JRB Audio Visual for a major install and upgrade of their AV Multimedia systems. With very different requirements from the husband (everything has to be high end, high tech) and wife (an artist looking for a stylish, aesthetically pleasing finish to the install) viewpoints, the challenge was on. Luckily, with 13 years experience installing high end AV in the East Coast area, JRB had the perfect HDBaseT solution for the job at hand.

The Challenge

To install a beautiful, stylish looking but high tech, cutting edge Audio Visual distribution system, including a low voltage POH fed waterproof TV installation, in a very luxurious master bathroom. Keeping it aesthetically pleasing meant ensuring most of the distribution system infrastructure was well hidden and out of sight. The system had to enable switching and distribution of all sources to displays throughout the house, including the Aquavision TV in the master bathroom. The need to situate the main AV system in one control room, meant HDBaseT was the perfect choice for distributing uncompressed HD video, audio, Ethernet and power over the distances required throughout the project.

The Solution

The in wall bathroom TV was an Aquavision 22" LED TV, with in built POE from Silvertel. JRB also installed a Control4 Home Automation system to run the entire residence, plus a Control4 HDMI matrix as the AV source switch placed in a concealed equipment room, running 1,000s of meters of Cat6 cable throughout the house, to discreetly connect the necessary rooms to the AV sources.

The HDMI matrix fed an Aquavision Connect-TV Active extender, which uses HDBaseT technology to send uncompressed HD video and 100W of power (courtesy of a Silvertel high power Ag6600 POH module) over a single CAT6 cable direct to the Aquavision TV, removing the need for expensive mains cabling and providing a simple single CAT6 cable installation for the TV.

Control panels and sensors were installed for ease of access and home management.

Results

Satisfaction all round, both parties, the artist and technophile were overjoyed with the look and feel of the installation combining an amazing finish alongside outstanding picture quality. The bathroom was everything they had envisaged, in a newly renovated state of the art home.



About HDBaseT

HDBaseT technology, powered by the Valens chipset, enables all-in-one connectivity between ultra-HD video sources and remote displays through a single 100m/328ft CAT6 cable or fiber, delivering uncompressed high definition 4k video, audio, USB, Ethernet, control signals and up to 100 Watts of power.

Silvertel

For further details on Silvertels' product range for HDBaseT, Single Wire TV, and other applications, contact sales@silvertel.com, or your local distributor.