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Learn the Whats, Hows, and Whys of HDBaseT

Smarter Home Connectivity with HDBaseT for Residential

1. What?

HDBaseT technology is proven to optimize the transmission of data in a digital network. Just as achieving optimal connectivity is important for ProAV, office networks, connected cars, and across many more segments, the modern home also requires a hi-end reliable connectivity solution.

The residential network setup must address the growing needs of our connected, smart home. From the simplest up to the most cutting edge complete-home network, there is a need for high performance with increased elegance and customization.

The smart home needs a network that supports home cinemas, home automation, custom audio visual, security systems, communication wiring, gaming, as well as the communication among devices. And management of these devices should ideally be executed centrally, remotely and with ease. The modern home digital network must be elegant and clutter free, to maintain the aesthetics of the home design, while guaranteeing maximum performance, connectivity and functionality.

2. How?

For home owners and builders who are looking to fully integrate technology into a modern and elegantly designed home, HDBaseT is the best solution.

HDBaseT allows for the convergent delivery of the 5Play feature set – audio & video, Ethernet, controls, USB 2.0 and up to 100W of power – over a single LAN cable (Cat6 or above), for up to 100m/328ft. HDBaseT for Residential is a single cable solution for maximum performance. The transmission of power over a simple LAN cable allows the home to evolve technologically and continue adding and moving devices without the need for additional power outlets.

By incorporating extenders and adapters, HDBaseT allows you to upgrade your multimedia home in a cost-effective and elegant manner. HDBaseT provides reach with ultra-high-definition transmission of uncompressed video, audio and controls. All source equipment can be placed in a central, out-of-the-way, location, and signals can be distributed anywhere in the home.

3. Why?

HDBaseT for residential meets the needs for our ever-connected homes, providing an all-inclusive solution that is elegant, simple, and yet uncompromising in its high performance. It gives the benefits of the ProAV sector, for home uses such as entertainment, infotainment, gaming, data, security and more.

HDBaseT technology delivers clutter-free wall-mounted TVs, out-of-the-way equipment, and touch and remote control panels, for the ultimate cohesive home network.

With HDBaseT for residential, the whole-home installation including multi-zone video and audio distribution, integrated video sources, automation, and all other devices are managed with one centralized equipment location. The home can continuously incorporate technological innovations, without the cable limitations or power source concerns. Single cable solution delivers best possible quality per infrastructure, while seamlessly incorporating the infrastructure into the home design. HDBaseT lets you achieve industry level performance, without a commercial look and feel.