



# The Ultimate Standard for Healthcare Connectivity

## Optimizing the Digital Operating Room

The technological overhaul taking place in the operating room, hospitals and medical centers is undoubtedly improving medical procedures. Doctors and health professionals benefit from operating with the highest possible quality video image for the most accurate representation of patients' conditions. With the advent of medical-grade visualization systems, procedural workflows improve, and high-quality video images are transmitted over long-distances for better collaboration, education and monitoring.

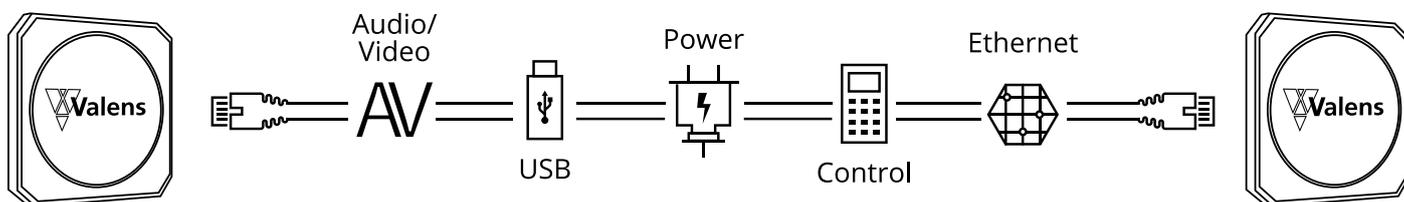
These advanced systems demand high-bandwidth connectivity and increased video performance, thus introducing new requirements in the operating room, including:

- Color accuracy and high-quality imaging
- Uncompressed video
- Real-time video distribution
- Long-distance transmission
- Flexible and efficient infrastructure
- Range of supported interfaces
- Cross-vendor interoperability

HDBaseT delivers high-throughput connectivity, addressing the emerging requirements of the medical industry, with a one-cable solution for long-distance, high bandwidth transmission. HDBaseT enables real-time transmission, high image quality, simplicity, and interoperability between various sources and displays – both in and outside of operating rooms.

# What is HDBaseT?

HDBaseT is a global standard for the transmission of ultra-high-definition video & audio, Ethernet, controls, USB and up to 100W of power over a single category cable, for up to 100m/328ft and even kilometers over fiber. HDBaseT eliminates cable clutter without compromising performance and quality.



## The HDBaseT Advantage

- **Real-time Transmission**

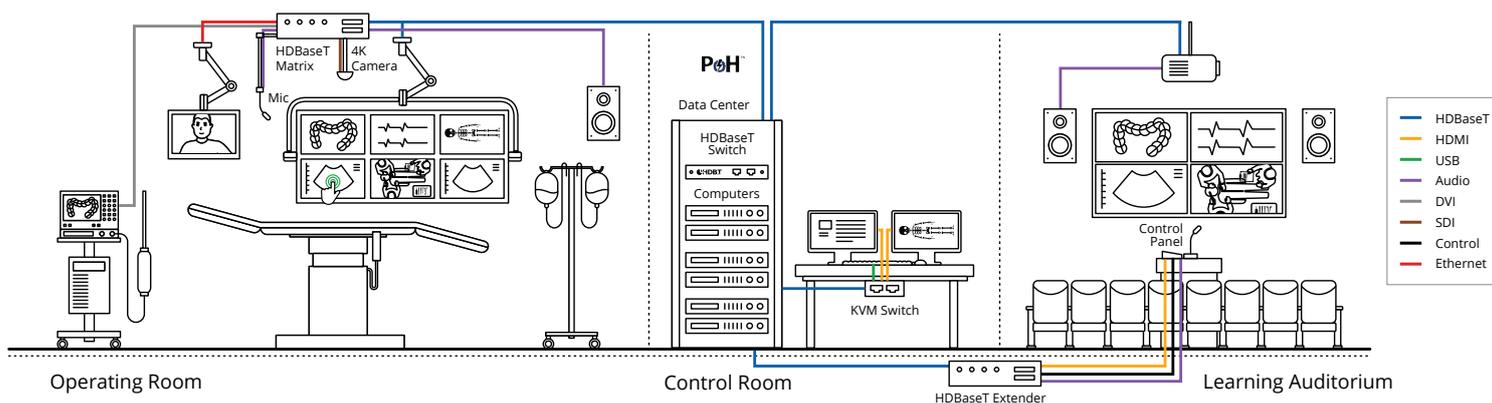
During surgical procedures, accurate and real-time video images are critical. HDBaseT delivers ultra-high definition video, enabling the best possible quality image with near-zero latency.

- **Supreme Performance**

When using diagnostic imaging systems such as MRIs, displaying x-rays, or conducting endoscopic procedures, medical professionals depend on high-resolution and color accuracy. HDBaseT delivers an advanced connectivity solution that meets the high-standards of medical-grade visualization systems, with no loss of visual information.

- **One-cable Solution**

With the proliferation of advanced digital video imaging, more devices and cabling must fit into small and crowded procedure rooms. HDBaseT improves workflow efficiency by reducing cabling and connectors, facilitating sterilization methods and increasing flexibility of equipment location.



**The HDBaseT Alliance promotes, advances, and standardizes HDBaseT and is comprised of over 200 Members. The Alliance has certified thousands of products to ensure vendor interoperability and seamless device connectivity.**

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