



# Vidyo® & Intel® NUC: The VidyoRoom™ HD-40

Ultra-Compact Group Solution for HD Video Collaboration



“The VidyoRoom HD-40 based on the Intel® NUC has been a key component of some of the integrated solutions Yorktel produces for our customers. The low power consumption and tiny footprint make it ideal for mobile applications like medical carts.”

– Pete McLain,  
Yorktel VP  
Telehealth

## The Global Leader in Video Collaboration

Vidyo is changing the way people connect. They have moved the business model for video conferencing beyond expensive legacy hardware and dedicated networks to provide a powerful, flexible and scalable software-based solution that is also affordable. This software platform dynamically adapts to changing network and endpoint device conditions in real-time to deliver consistent high quality experiences over any network and on any device. As a software only solution, Vidyo is able to take advantage of innovations in computing platforms, like the Intel NUC, to deliver incredible high quality video, audio and content collaboration into fixed endpoint environments at dramatically lower price points. The NUC's compact form-factor enables new applications that simply aren't practical with a larger group system compute platforms.

The VidyoRoom™ HD-40 software is delivered locked down on the Intel NUC. The combination creates a powerful in-room videoconferencing endpoint whose compact form factor, light weight and quiet operation make it perfect for mounting behind a display or integrating into a mobile conferencing cart for pleasing aesthetics and precious space preservation. Don't let its size fool you though, the NUC makes no compromises on performance to achieve its slim profile and Vidyo's adaptive software is able to get optimized HD performance out of the device.

## Huddle Room Solution

Workgroups are more geographically distributed than ever before. However, 95% of all meeting spaces today still have no video capability. The power of video collaboration is only fully realized when everyone within the organization has access to it. The VidyoRoom™ HD-40 delivers uncompromising, rich collaboration with HD video at a price that enables organizations to deploy video communications to all of their huddle spaces, not just the large executive boardrooms.



## Executive Office or Desktop Solution

In today's fast paced world, executives need instant, reliable face-to-face access to their direct reports, partners and customers for rich, clear communication.

The VidyoRoom™ HD-40 paired with a low cost pan-tilt-zoom camera and a wall or desktop mounted screen can be used as an executive office or desktop solution providing executives with an HD window into their collaborative world. The VidyoRoom™ HD-40 can be easily mounted on



the back of the display or neatly tucked out of sight, preserving desktop real-estate and eliminating clutter.

With calendar integration and click-to-join URL's, joining conferences is a simple press of a button.

## Healthcare Solutions

In healthcare, an uninterrupted workflow is critical. That's why Vidyo's software platform and its rich suite of APIs has been chosen

and deployed for telemedicine solutions by more than a third of the top 100 healthcare systems in the US. The NUC based VidyoRoom™ HD-40 plays a key role in enabling

some of these workflows. Its tiny footprint and low power consumption makes it ideal for battery operated mobile cart applications. The fact that it can completely

disappear behind the display that already exists in patient rooms also makes it an ideal bedside solution for clinical uses. It is ideal for applications like mobile grand rounds for physicians as well as for patient uses like consultations with physical therapists and personal visits from friends and family. Enabling clinical staff to connect with patients or peers from anywhere without having to think about technology makes healthcare more efficient and improves patient outcomes.



## Kiosk enablement

In banking and retail, building trust is crucial for customer loyalty and retention. Pressures to reduce costs and improve efficiency have led to the reduction of expertise at brick and mortar locations, often resulting in poor customer service. Using video enabled kiosks provides face-to-face access to subject matter experts at locations convenient for the customer. The kiosk provides an approachable in-store device that customers can use to browse merchandise, gather information and, when ready, simply touch a button on the screen to start a face-to-face dialog with a subject matter expert.

Using Vidyo software and the Intel NUC, retailers can create customer engagement kiosks to help reduce on-site



staff while still maintaining excellent customer service. The small form factor of the Intel NUC means the kiosk can have a very small footprint, occupying minimal floor space. Low power consumption means electrical costs are reduced. Yet, the powerful Intel CPU and Vidyo software deliver

uncompromising HD video and the ability to share content. Finally, the Vidyo software intelligently handles the video transport to ensure reliable and a high quality of experience for the customer even over inexpensive commodity network connections such as Wi-Fi or mobile networks.

## VidyoRoom HD-40 Highlights

- Ultra-compact form factor fits almost anywhere
- Share content by joining the conference with VidyoDesktop™, the VidyoSlate™ tablet app, or local USB connection
- Quiet and discrete, with low power Consumption (> 65 watts)
- Supports the Logitech ConferenceCam CC3000e, which integrates a noise-cancelling speakerphone with a PTZ camera capable of far-end camera control (FECC)

## Outstanding User Experience

- Enjoy HD quality: transmit up to 720p30, receive up to 1080p30
- Call from a global address book of users and rooms with presence and speed dials
- Display up to 8 participants in continuous presence
- Choose from multiple participant video and shared content layouts for both single- and dual-screen deployments
- Call participants, control cameras, and manage conferences with the hand-held remote control or by touchscreen with the free VidyoRemote™ app for tablets
- Calendar integration for single-click meeting access

## Exclusive Vidyo Technology

- Connects through VidyoRouter™ for highly scalable multipoint performance with imperceptible latency
- Advanced SVC (UCIF Mode 2s) delivers unmatched quality, reliability, and efficiency
- Dynamic adaptation technologies continuously optimize media streams for unmatched fidelity over variable networks and devices
- Conference with participants from all types of endpoints, including room systems, desktops, laptops, tablets, and mobiles
- Access legacy endpoints via the Vidyo infrastructure or through the free VidyoWay™ Interconnectivity service

## Easy to Own & Secure

- VidyoPortal™ provides conference moderation and automatic software updates
- Optional media and signaling encryption
- PIN-protect and lock virtual conference rooms
- Integrates with room automation solutions such as AMX, Crestron and Extron
- Interoperates with third party video conferencing systems via Vidyo infrastructure or free VidyoWay interconnectivity service



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