

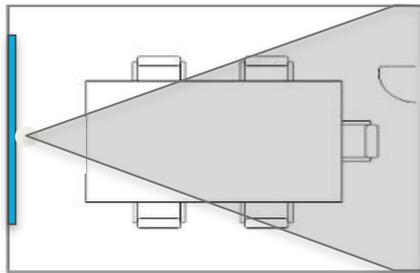
PanaCast 2 Huddle Room Installation and Use

PanaCast 2 delivers immersive video where other cameras can't

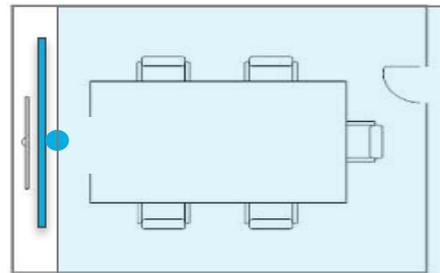


Huddle rooms are small conference rooms or small semi-private areas (usually for 4-6 people). They are often used by groups who want to get together for impromptu, or previously scheduled, meetings to collaborate on projects. Increasingly they are equipped with audio and video communications and large screen displays. The current available cameras with their limited field of view are unable to capture these spaces in their entirety. Remote participants are left with the choice of seeing the whiteboard or in-room participants, but not both.

The answer is PanaCast[®] 2, the world's first Panoramic-4K USB Plug-and-Play video camera. It boasts a 180 degrees horizontal and 54 degrees vertical field of view with a Panoramic-4K resolution of 3840 x 1080. The comparison below shows the coverage difference between PanaCast 2 and a standard HD webcam.



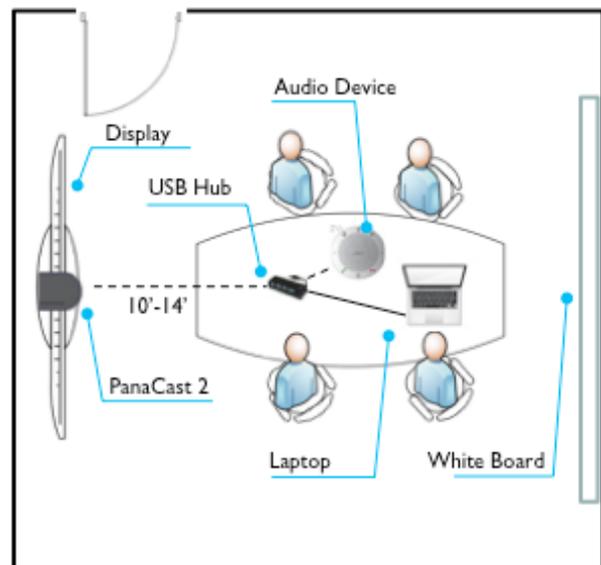
Typical HD conference camera field of view



PanaCast 2 camera field of view

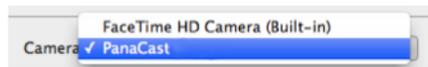
In this example of how to install the PanaCast 2 camera, it is assumed that the video monitor and audio devices are already installed in the room. See the diagram of the room in the figure below.

The best location for the camera is below the video monitor, provided the video monitor is installed 4-5 feet from the floor. Remote participants will feel as though the in-room participants are looking at them as they look at the monitor. The camera height is best between 4 and 5 feet from the floor. That gives a similar viewing experience as someone sitting at the conference table. This camera placement will make the experience more natural. The camera can be mounted on the wall with a PanaCast wall mount (PC-BJ-4K-WM) or placed at the end of the table using the PanaCast table stand (PC-BJ-4K-TS). Position the camera between 3 and 4 feet away from the in-room participants for optimum room coverage.



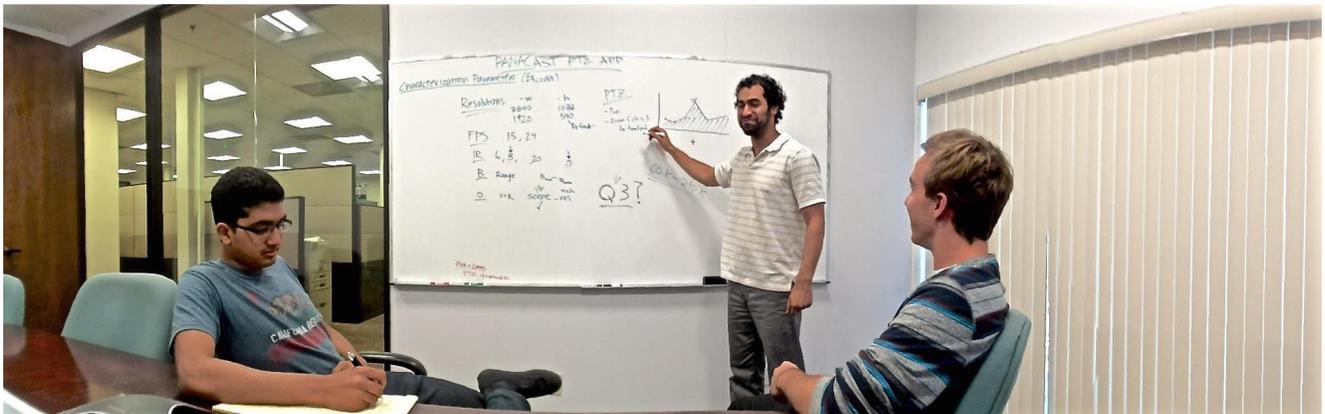
The best whiteboard location is on the opposite wall approximately 10-12 feet from the PanaCast 2 camera. PanaCast's Panoramic-4K resolution ensures superior readability compared to standard resolution cameras. More whiteboard detail can be seen using the local host controlled PanaCast ePTZ app or remote viewer controlled PanaCast Experience service.

The camera is easy hook up too. The video stream is delivered from the camera via USB 3.0 / USB 2.0 to a PC or Mac. PanaCast 2 USB Plug-and-Play connectivity allows it to work right out of the box with all the popular collaboration apps such as Microsoft Lync®/Skype for Business™, Skype®, Cisco® WebEx®, Citrix® Go To Meeting®, Google® Hangouts®, Vido® to name a few. PanaCast 2 is USB Video Compliant (UVC), so no additional software is needed. Make sure your PanaCast camera is connected to a fully powered USB 3.0 port or connected to the power adapter included with the camera. Select the PanaCast 2 camera at the beginning of a web conference session by going to the video settings of your collaboration app and selecting PanaCast as your webcam from the drop down menu (see below)



Audio is handled by the application of choice and users have the option of using a simple POTS telephone, a VOIP speakerphone or, in this example, a USB speakerphone. The laptop needs two USB ports to accommodate both the PanaCast 2 camera and the USB speakerphone. If not, a USB hub is needed to combine them into one stream.

PanaCast's ability to view the entire conference room delivers all the benefits of attending the web conference in person, short of actually being there. When you have the whole room laid out in front of you, the need for a pan and zoom mechanical camera goes away. PanaCast, with its panoramic field of view and Panoramic-4K resolution makes huddle room meetings more productive, immersive and meaningful video collaboration experiences.



PanaCast 2 enables remote viewers to clearly see the whiteboard from across the room

About Altia Systems



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Altia Systems® (getpanacast.com) is a venture-backed company based in Cupertino, CA, and is the creator of the PanaCast® Experience solution. The award-winning PanaCast® offers a unique experience that enables anyone on desktop or mobile to communicate in interactive, real-time Panoramic-HD 200° field-of-view video that replicates the human panoramic perspective.