

DATA SHEET

PanaCast® 2 Camera

Industry-First Panoramic-4k Plug-and-Play USB Video Camera



180° Panoramic Field of View

The PanaCast® 2 camera is a Plug-and-Play USB device that connects directly to your PC or Mac. It delivers a Panoramic-4k quality video stream along with high fidelity stereo audio.

PanaCast 2 transforms how we see and connect electronically. It lets you add the natural human field of view to your meetings and gatherings with a simple Plug-and-Play device.

Use it to improve your video collaboration experience with popular apps and services such as Skype® for Business, Skype®, Cisco WebEx®, Citrix® GoToMeeting®, Google® Hangouts™, Facebook®, and more. Simply plug in and go, without the need to download or install any drivers or software to get started.

Conventional cameras typically deliver a narrow field of view. PanaCast 2 gives you an ultra-wide field of view so you can see more of what you need to see.

Benefits

- Immersive 180° x 54° view
- Plug-and-Play
- USB 3.0 and USB 2.0
- Up to 4.15 MP video
- Better video at all resolutions
- HD quality stereo audio built-in
- Works with Microsoft® Lync®, Skype®, Cisco WebEx®, Citrix® GoToMeeting®, Google® Hangouts™, Facebook®,...



Narrow Field of View - Video from three conventional cameras



The PanaCast 2 panoramic experience

The PanaCast 2 camera produces panoramic video by combining video streams from three imagers simultaneously and processing these in the PanaCast video processor on-board to dynamically stitch, optimize and render the video to a mathematically-correct cylindrical projection with ultra-low latency of <~5ms from photons to USB data.

Camera Specifications

Tech Specifications

- Panoramic-4k: 3840 x 1088; 4.15 MP YUV 4:2:2, MJPEG
- HD: 1920 x 1088; 2.1 MP YUV 4:2:2, MJPEG
- ~180° (H) x 54° (V)
- 188° DFOV
- Adjustable FOV through UVC PTZ command set
- Frame rate up to 30fps
- Latency: <= 5ms
- 5V Power Jack
- 0.3m to Infinity – Fixed Focus (each imager)
- 10 Lux
- Motion JPEG Built-in
- Auto 50/60 Hz Detect Built-In
- Color Controls
 - Sharpness
 - Brightness
 - Gamma
 - Saturation Control
 - White Balance (Man.)
- Status Indicator
 - LEDs Built-in
 - Lightweight ePTZ App (optional)
- Product Certifications
 - FCC Part 15 Class A (for commercial use only)
 - ROHS, REACH Compliant

System Requirements

- Plug-and-Play for Windows and Mac applications
- Supports USB Video Class (UVC) Driver
- USB 2.0/3.0
- Windows 7,8,8.1 or later
- Mac OS X 10.9 or later

Product Information

- Weight: 125g
- Width: 60 mm
- Height: 25 mm
- Length: 74 mm
- Operating Temperature: 0° C - 40° C
- Operating Humidity: 15%-85% (Non-Condensing)

What's In The Box?

- PanaCast® 2 Camera
- Table Stand/Wall Mount
- Quick Reference Guide
- USB 3.0 cable
- Power Adapter

Warranty

- You can find a detailed description of our [Warranty](#).

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation



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.