CCS-CAM-USB-F-400

Huddly IQ™ Collaboration Camera

- *Full HD 1080p video quality*
- *Ultra wide-angle 150° diagonal field of view*
- *High precision, six element aspherical glass lens reduces spherical aberrations*
- *Advanced video processing engine provides excellent image quality*
- *4x lossless digital zoom, pan, and tilt[1]*
- *Genius Framing digital autozoom*
- *People counting analytics[2]*
- *Auto-Flip Automatic 180° image rotation*
- *Silent operation with no moving parts*
- *USB 3.1 connectivity*
- *Plug & play compatible with Crestron Flex tabletop video conferencing solutions*
- *USB powered*
- *Upgradable software*
- *3D noise reduction and bias compensating spatio-temporal noise filtering*
- *Integrated display mount, tripod mount compatible*

Compact in size, yet tremendous on performance, the Huddly IQ™ camera (sold as model CCS-CAM-USB-F-400) features an ultra wide-angle 150° diagonal field of view to capture an entire conference room with Full HD 1080p resolution. High precision aspherical optics, a 12 MP CMOS sensor, and advanced video processing ensure an immersive, crystal clear video image free from light or noise artifacts or optical aberrations. The camera has no moving parts, ensuring quiet operation, reliability, and accuracy.

Advanced Video Processing

The video processing engine uses real-time scaling, dynamic light optimization, and visual noise filtering to deliver excellent image quality. Genius Framing digital autozoom intelligently detects the people in the room and frames them perfectly at all times for an optimal view with no loss of resolution. With

Genius Framing, there's no need to control the camera manually or rely on stored presets. People counting analytics detects and reports the number of people in frame for analysis by room utilization software.[2] The camera's software is also upgradeable, allowing for regular enhancements and feature updates.

Plug & Play Connectivity

A USB connector[3] provides high speed USB connectivity, a power connection, and plug & play compatibility when used with Crestron Flex tabletop video conferencing solutions.

Versatile Mounting

The camera's aluminum unibody construction is tripod compatible and features an integrated display mount that allows the camera to be installed in different locations. The Auto-Flip feature automatically rotates the image 180° when the camera is installed upside down, providing even more options for installation.

Specifications

Optics & Processing

Image Sensor	12 Megapixel 1/2.3 CMOS sensor
Lens	High precision, ultra wide angle, six element aspherical glass lens
Field of View	150° diagonal, 120° horizontal, 90° vertical
Aperture	f/2.8
Processor	Neural Compute Engine based on Intel® Movidius™ Myriad™ X video processing unit
Pan/Tilt/Zoom	4x lossless digital zoom, pan, and tilt[1]
Autozoom	Genius Framing automatic lossless digital zoom intelligently frames around people in the room
Auto-Flip	Automatic 180° image rotation when mounted upside down
Dynamic Light Optimization	Auto-adjusts light levels and white balance
Noise Reduction	3D noise reduction, bias compensating spatio-temporal filtering, wide area chroma filtering, flicker elimination
Scaling	Real-time scaling, dewarping, and perspective correction
People Counting	Detects and reports the number of people in frame[2]

Video

Output Signal Type	USB UVC 1.1
Output Resolution	HD 1080p @ 30 fps

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Communication

USB	USB 3.1; Plug & play compatible with Crestron Flex tabletop video conferencing solutions, major computer operating systems, and other USB UVC class hosts

Connector

USB-C	(1) USB Type-C® connector[3], female; USB 3.1 port;

Power

Power Requirement	5 VDC, 900 mA, via USB

Construction

Housing	Aluminum unibody
Mounting	Integrated mounting hinge for attachment to a display device; 1/4-20 threaded fitting for tripod mount

Dimensions

Height	1.40 in. (36mm)
Width	1.60 in. (41 mm)
Depth	2.82 in. (72 mm)

Weight

4.2 oz (120 g)

Compliance

CE, IC, FCC Part 15 Class B digital device

Model

CCS-CAM-USB-F-400
Huddly IQ™ Collaboration Camera

Available Accessories

UC-CAM-WMK
Wall Mount Kit for Crestron® Cameras

Notes:

1. This feature is not utilized as part of a Crestron Mercury X based conferencing solution.
2. This feature is not utilized as part of a Crestron Mercury X based conferencing solution, but can be enabled from the Crestron XiO Cloud® service.
3. CBL-USBC-USBA-6 (6511591), 6 ft (1.8 m) USB Type-C male to USB 3.0 Type-A male cable, needs to be purchased separately.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

1.60 in.
(41 mm)

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Hinge

1/4-20 UNC thread