

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
- > Advanced video processing engine
- > 3x lossless digital zoom, pan, and tilt^[1]
- > Genius Framing digital autozoom
- > People counting analytics^[1]
- > Automatic 180° image rotation
- > Silent operation with no moving parts
- > Real-time scaling, dewarping, and perspective correction
- > Dynamic light optimization, auto white balance, and flicker elimination
- > 3D noise reduction and bias compensating spatio-temporal noise filtering
- > Wide area chroma filtering
- > Built-in beamforming microphone array^[1]
- > SuperSpeed USB 3.1 connectivity
- > Plug & play compatible with Crestron Flex systems and major computer OSs
- > USB powered
- > Software upgradable
- > Aluminum unibody construction
- > Embedded display mount
- > Tripod mount compatible

Compact in size, yet tremendous on performance, the **Huddly IQ™** camera (sold by Crestron 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 video resolution. High precision aspherical optics, 12 MP CMOS sensor, and advanced video processing ensure an immersive, crystal clear video image free from light or noise artifacts or optical aberrations.

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.

SPECIFICATIONS

Optics & Processing

Image Sensor: 12 Megapixel Sony® IMX477 Type 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: Intel® Movidius® Myriad® X VPU with Neural Compute Engine hardware accelerator
Pan/Tilt/Zoom: 3x 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^[1]

Video

Output Signal Type: USB UVC 1.1

Output Resolution: HD 1080p @ 30 fps

Color Space: YCbCr 4:2:0, YCbCr 4:2:2, MJPEG

Audio

Output Signal Type: USB UAC

Microphone: Beamforming microphone array^[1]

Communication

USB: USB 3.1; plug & play compatible with Crestron® UC-ENGINE, major computer operating systems, and other USB UVC class hosts

Connectors

USB-C: (1) USB Type-C™ connector, female;

USB 3.1 port;

3 ft (90 cm) USB Type-C male to USB 3.0 Type-A male cable included

Power

USB powered

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Construction

Housing: Aluminum unibody

Mounting: Embedded mounting hinge for attachment to a display device, 1/4-20 threaded fitting for tripod mount

Dimensions

Height: 1.30 in (33 mm)

Width: 1.58 in (40 mm)

Depth: 2.82 in (72 mm)

Weight

4.1 oz (115 g)

Available Models

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

Accessories

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

Notes:

1. This feature is not utilized as part of a Crestron Flex system.

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