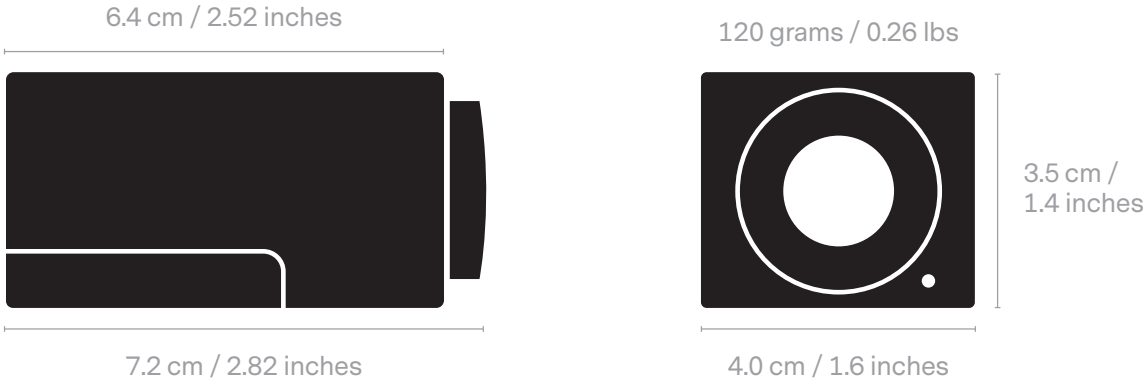
Huddly IQ
Spec Sheet



Software Specifications
Genius Framing
Huddly InSights analytics API
High-quality scaling and dewarping
Flicker elimination
Automatic white balance
Optical aberration correction
3D Noise Reduction

Easy Installation
Plug & Play – Driverless Install
Linux/Chrome/Windows 8, 8.1, 10/
MacOS 10.x, 9.x compatible
Flexible mounting options
Suitable for desktop and room scenarios
Compatible with virtually all collaboration
software platforms

Video
HD 1080p 30fps output
UHD 4K 30fps*
Low latency
16:9 aspect ratio
Digital Pan/Tilt/Zoom
with lossless digital zoom
UVC 1.1 Compatible
YCbCr 4:2:0, YCbCr 4:2:2 and MJPEG
support over USB 3.1

Hardware Specifications
Aluminium unibody construction
Neural compute engine based on the
Intel Movidius MyriadX VPU
Beamforming microphone array
Ultra-wide angle glass optics
Horizontal field of view 120°
Vertical field of view 90°
Diagonal field of view 150°
f/2.8 aperture
12 Megapixels Sony IMX577 1/2.3”
CMOS Sensor
SuperSpeed USB 3.0
HD 1080 30fps output main video
HD 720 30fps output overview video*
UHD 4K 1fps output content capture*
High-performance video processing engine
Low power consumption
Embedded mounting Hinge
Camera Tripod Mount

Color
Matte Black

* Future software updates

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Convolutional Neural Network
Multi-layered CNN design allows IQ to instantly identify visual patterns, and detect people and objects.

Neural Compute Engine based on Intel Movidius MyriadX
Edge-based Deep Learning platform that enables onboard intelligent features such as Genius Framing built on the high performance, hardware accelerator NCE.

Genius Framing
Automatically detects the people in its field of view and delivers an optimally framed image of them to far end participants.

Huddly InSights Analytics API
IQ can detect and count people within its field of view, with high-quality analytics data accessible via the Huddly InSights API.

Security and Privacy
All data processing takes place on the camera without the need to be sent to a computer or the cloud for processing.

Dynamic Light Optimization
Adapts to poor lighting conditions

Visual Noise Filtering
Bias compensating spatio-temporal filtering with wide area chroma filtering.

Real-Time Dewarping
The wide-angle image is dewarped and perspective corrected in real time, rendering a natural, true-to-life view.

Beamforming Microphone Array
The built-in beamforming microphone array makes sure everyone is heard loud and clear.

Software-upgradable
Designed to get even smarter over time with regular enhancements and new Genius feature releases.

180° Auto-Flip
When mounted upside down, the camera automatically provides the correct view.

Lossless Digital Pan/Tilt/Zoom
Enabled via the Huddly Desktop App