

Huddly IQ

Features



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

Huddly IQ

Spec Sheet

6.4 cm / 2.52 inches



7.2 cm / 2.82 inches

120 grams / 0.26 lbs



3.5 cm /
1.4 inches

4.0 cm / 1.6 inches

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