

# Huddly IQ

## Spec Sheet

1/2

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

# 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