Huddly IQ
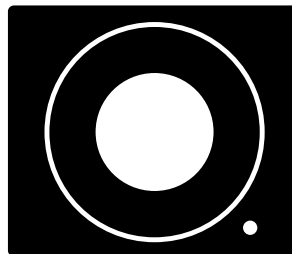# Spec Sheet

6.4 cm / 2.52 in

120 g / 0.26 lbs

7.2 cm / 2.82 in

3.5 cm / 1.4 in

4.0 cm / 1.6 in

Features
Genius Framing
Huddly InSights analytics API
High-quality scaling and dewarping
Automatic white balance and color
  correction
Balanced optical aberration correction
4x digital zoom
Low latency video processing

Image
4K image sensor
12 Megapixels, 1/2.3" CMOS
1080p Full HD @ 30 fps
720p HD @ 30 fps
16:9 aspect ratio output
UVC 1.1 plug-and-play compatible

Connection Types
USB Type-C connector
SuperSpeed USB 3
HighSpeed USB 2*
Power requirement 5V 900mA

Optics
Ultra-wide angle glass optics
Horizontal field of view 120°
Vertical field of view 90°
Diagonal field of view 150°
f/2.8 aperture

Hardware Specifications
Aluminium unibody construction
High-performance video processing engine
Neural compute engine
Embedded mounting hinge
Camera tripod mount

Color
Matte Black

*Requires 5V 900 mA power supply

Huddly

Huddly IQ
Features

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

Neural Compute Engine based on Intel Movidius MyriadX
Edge-based Machine Learning platform that enables onboard intelligent features such as Genius Framing and InSights analytics

Genius Framing
Genius Framing detects the people in the camera's field of view and smoothly zooms in to frame them perfectly for the far end

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

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

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

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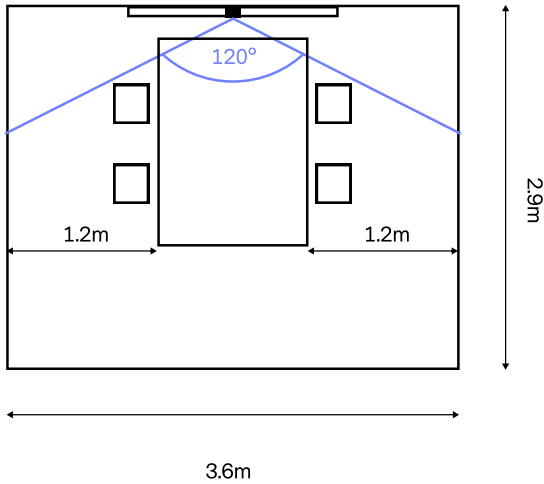When mounted upside down, the camera automatically provides the correct view

Digital Pan/Tilt/Zoom
Huddly IQ has no moving parts, making it compact and silent, as well as more reliable and accurate. Instantly pan, tilt and zoom digitally up to 4 times

Huddly

Huddly IQ
Room Examples

Huddle Room

120°

2.9m

1.2m   1.2m

3.6m

Medium Room

120°

5.3m

1.2m   1.2m

3.8m

Huddly