Huddly IQ kit for Jamboard

Huddly

Huddly IQ for Jamboard
Spec Sheet

6.4 cm / 2.52 in

120 g / 0.26 lbs

3.5 cm / 1.4 in

7.2 cm / 2.82 in

4.0 cm / 1.6 in
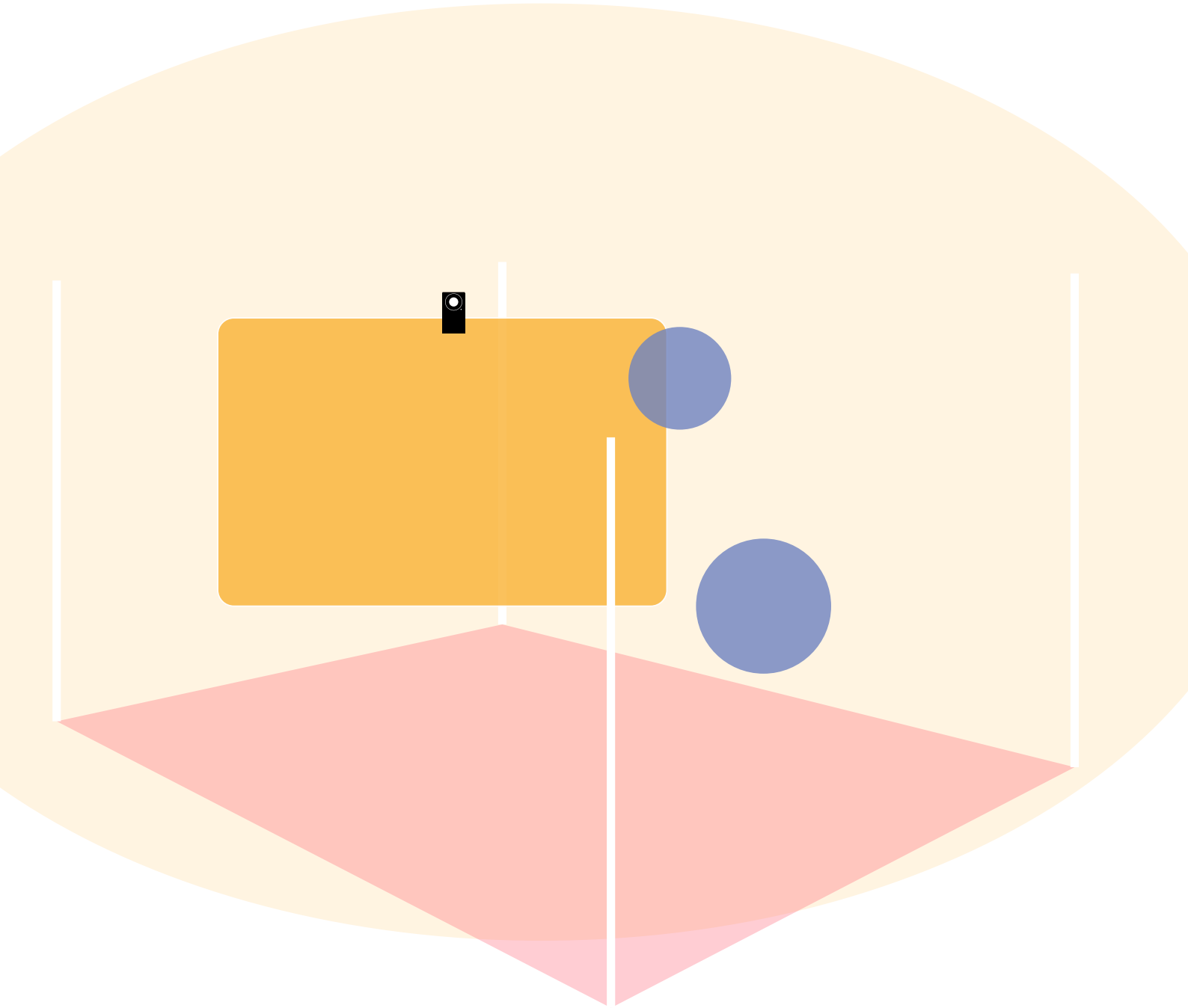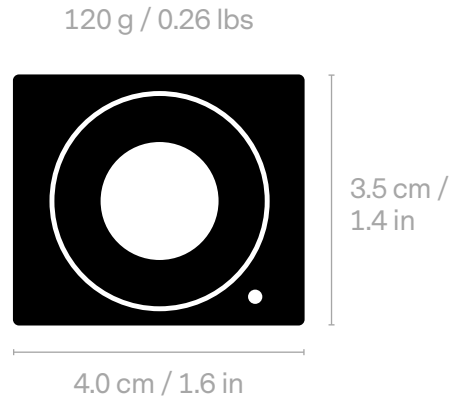
Features
High-quality scaling and dewarping
Automatic white balance and color
    correction
Balanced optical aberration correction
4x digital zoom
Low latency video processing
High performance and lossless audio
    pickup

Image
12 Megapixels 1/2.3" CMOS sensor
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*

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
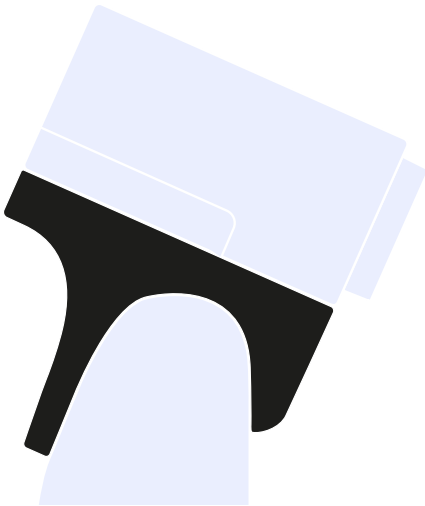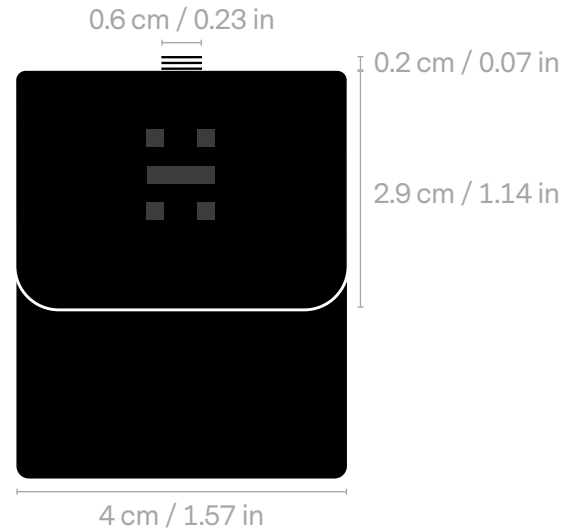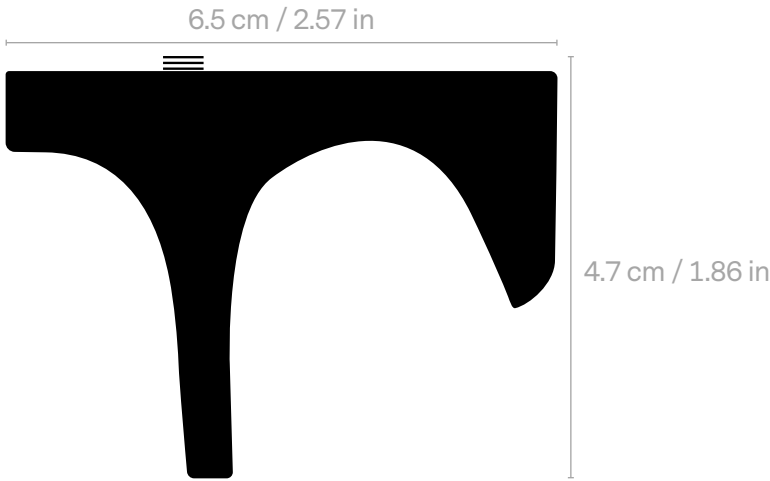Aluminum unibody construction
High-performance video processing engine
Neural compute engine
Beamforming microphone array
Embedded mounting hinge
Camera tripod mount

Color
Matte Black

*Requires 5V 900 mA power supply

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Huddly Bracket for Jamboard
Spec Sheet

6.5 cm / 2.57 in

4.7 cm / 1.86 in

0.6 cm / 0.23 in

0.2 cm / 0.07 in

2.9 cm / 1.14 in

4 cm / 1.57 in

Bracket with Huddly IQ camera mounted on Jamboard

Compatibility
Huddly IQ camera
Google Cloud Jamboard

Mounting
Mount on top of display, making sure camera is centered on the Jamboard
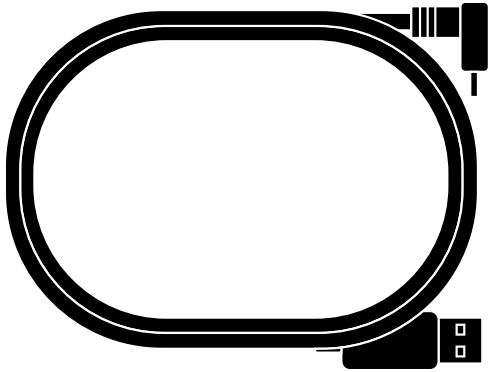
Tripod screw
0.25"-20 UNC

Weight
36g

Color
Black

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USB 3
Type C to A Cable 1.15 m
Spec Sheet

Dimensions & type

Length:	1.15 m
Host side plug type:	Type A
Host side plug dimensions:	34 (length), 15 (width), 7 (height) mm
Device side plug type:	Angled Type-C
Device side plug dimensions:	17.8 (length), 12.3 (width), 20 (height) mm
Color:	Black
Weight:	46 g
Cable diameter:	4.5 mm
Minimum bend radius of cable:	15 mm

Temperature

Operating temperature:	0 - 50°C

USB support

USB 1.1 FS/ 2.0 HS support
USB 3.1 Gen 1 support (5 Gbps)

Power

Cable power supply required:	No
Cable power supply information:	N/A
Cable AWG:	22 (PWR)
	32 (USB 2)
	28 (USB 3)
Insertion loss:	-16.5dB @ 7.5GHz
	- 3.1dB @ 400Mhz
Voltage:	5 V
Rated current (max):	3 A

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Huddly IQ for Jamboard
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

Dynamic Light Optimization
Adapts to poor lighting conditions

Visual Noise Filtering
Texture preserving luma noise reduction and wide area chroma noise reduction

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 intelligent feature releases

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

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