Huddly ONE
Work From Anywhere kit

Huddly

Huddly ONE
Spec Sheet

6.4 cm / 2.52 in

7.2 cm / 2.82 in

120 g / 0.26 lbs

3.5 cm / 1.4 in

4.0 cm / 1.6 in
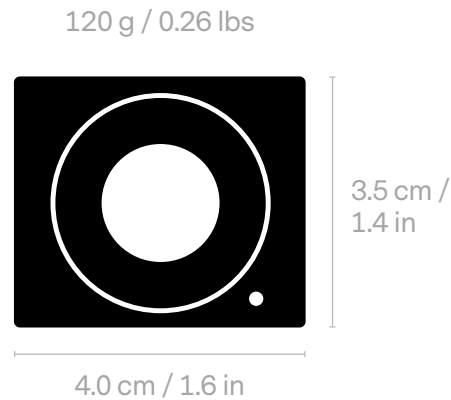
Features
Desktop Framing
Portrait Lighting
High-quality scaling and dewarping
Automatic white balance and color correction
Balanced optical aberration correction
4x digital zoom
Low latency video processing

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
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

Huddly

Huddly ONE
Features

Convolutional Neural Network
Multi-layered CNN design allows Huddly ONE 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

Desktop Framing
A default zoom level customized to best suit the one-person home office scenario. The framing can be adjusted to suit personal preference anytime

Portrait Lighting
The camera uses AI to understand the lighting conditions in the image and automatically adjusts exposure to ensure that the face is well-lit and facial expressions are clearly visible

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

Dynamic Light Optimization
Adapts to poor lighting conditions

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 ONE 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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USB 3
Type C to A Cable 2.0 m
Spec Sheet
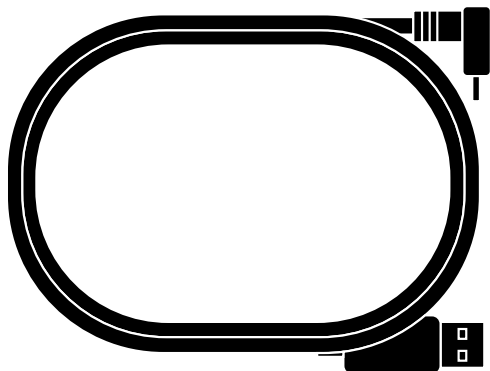
Dimensions & type

Length:	2.0 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

Huddly

USB 3
Type C to C Cable 0.6 m
Spec Sheet
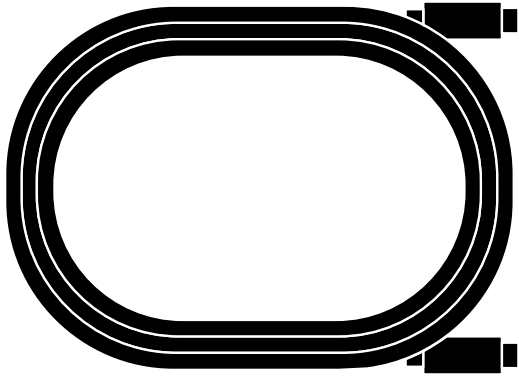
Dimensions & type

Length:	0.6 m
Host side plug type:	Type-C
Host side plug dimensions:	27 (length), 12.4 (witdth), 6.5 (height) mm
Device side plug type:	Type-C
Device side plug dimensions:	27 (length), 12.4 (witdth), 6.5 (height) mm
Color:	Black
Weight:	29 g
Cable diameter:	4.0 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:	26 (PWR)
	32 (USB 2)
	34 (USB 3)
Voltage:	5 V
Rated current (max):	900 mA

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