Huddly ONE
Work From Anywhere kit

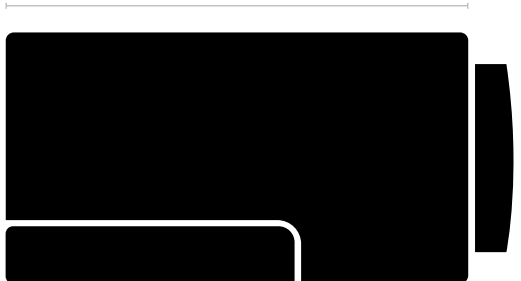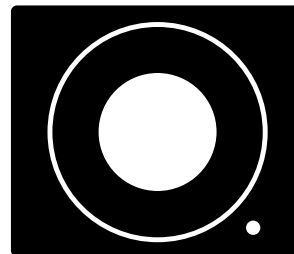**Huddly**

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
Ma e Black

Huddly

Huddly ONE
Features

Convolutional Neural Network
Multi-layered CNN design allows Huddly ONE to instantly identify visual pa erns, 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 o ce scenario. e framing can be adjusted to suit personal preference anytime

Portrait Lighting
 e 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
 e 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

Huddly

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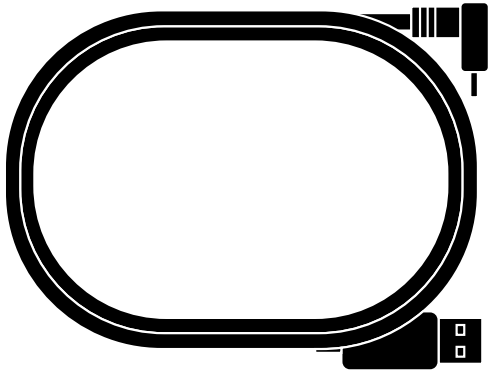
Dimensions & type

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
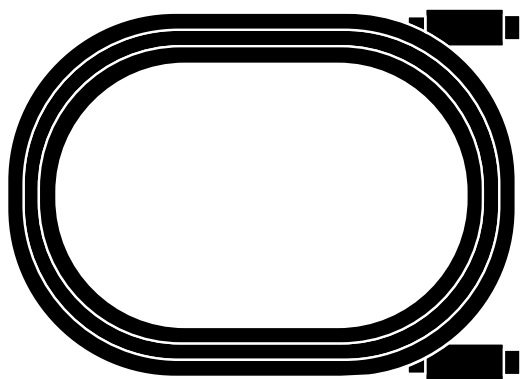
Dimensions & type

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

Huddly