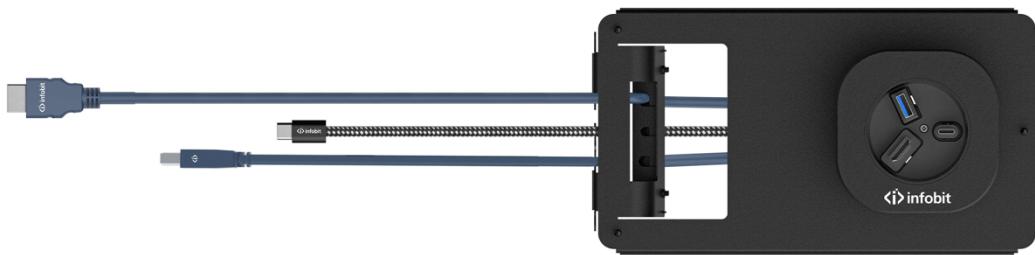




iBox Core-500

Retractable In-Desk Table Box with USB C, HDMI and USB A

User Manual V2.0



NOTE: Please read this guide in its entirety to become familiar with the iBox Core-500 prior to install.

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1. OVERVIEW

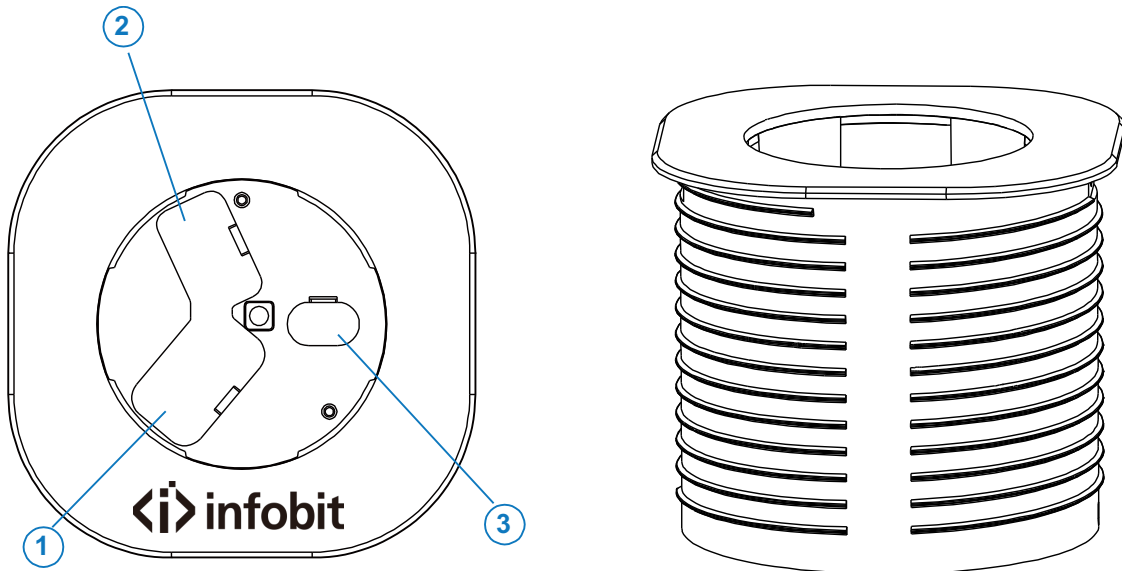
The **iBox Core-500** is a tabletop cable access enclosure designed for conference rooms that require semi-permanent AV connectivity. It supports up to three cables (HDMI, USB-A and USB-C), providing quick and easy AV connections for meeting participants. As an ideal complement to networked AV endpoints, it seamlessly integrates cable management into the AV system.

With built-in Power Delivery (PD) up to 240W and Ethernet*, users can charge their devices and maintain a stable wired network connection, eliminating the need for extra adapters. The integrated cable management system keeps the workspace neat and organized.

2. FEATURES

- Provides quick and easy access to AV cables.
- Ideal for conference tables, lecterns, or other meeting spaces.
- Features a sleek insert design that blends seamlessly with any décor.
- Easily installs into a table or other surface up to 75mm (2.95”).
- Recommended table opening size: 80mm (3.15”).
- Includes an under-table bag to conceal cables, ensuring a clean and tidy installation.
- 1x HDMI 4K60 cable, 1x 5Gbps USB A to B cable, and 1x USB4 C to C cable.
- Supports HDMI 2.0, 4K60Hz 4:4:4 video resolution. The supper-soft HDMI cable length is 2m.
- Supports USB 3.0 5Gbps USB a to B super-soft cable, length 2m.
- The USB C to C fully featured cable supports 20Gbps, 240W PD, 4K60Hz video.

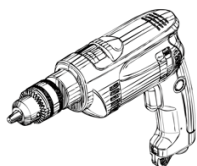
3. PANEL OVERVIEW



No.	Name	Description
1	HDMI Hole	Allows the HDMI cable to pass through.
2	USB-A Hole	Allows the USB-A to USB-B cable to pass through.
3	USB-C Hole	Allows the USB-C cable to pass through.

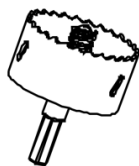
4. PREPARATION

Please prepare the following tools before installation.



Electric Drill

1x



Hole Saw Bit

1x



Tape Measure

1x



Marker Pen

1x



Screwdriver

1x

5. PACKAGE CONTENTS

Before installation, please make sure all parts are included.



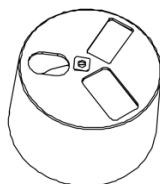
Cable Access
Enclosure

1x



Cable Pass-
through Plate

1x



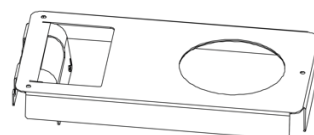
Cable
Bushing

1x



Thread Sleeve

1x



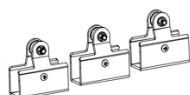
Under Table Mounting
Bracket

1x



Cable Holder

1x



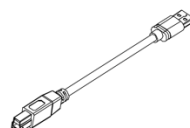
Counterbalance

3x



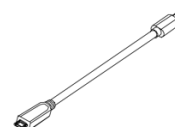
HDMI Cable

1x



USB 3.0 A to B
Cable

1x



USB 3.1 Gen1 C to C
Cable,

1x



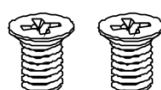
KB2.5*5 Screw

1x



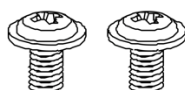
Φ3.0*10mm
Screws

3x



M2.5*5 Screws

2x



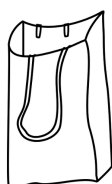
M3*5 Screws

2x



Self-adhesive Hook & Loop
Strip (Set)

1x



Polyester Cable
Bag

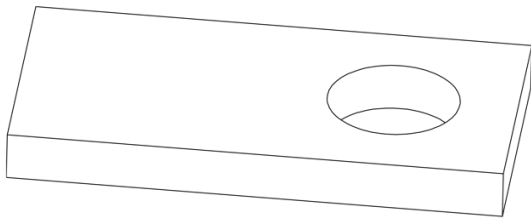
1x



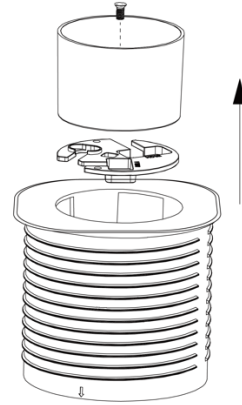
Quickstart guide

1x

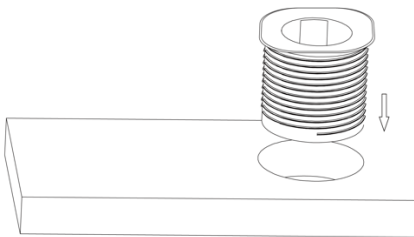
6. INSTALLATION



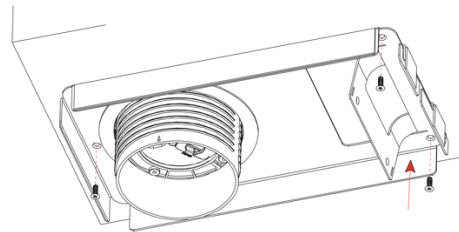
1. Drill an 80mm/3.15" diameter hole into the table.



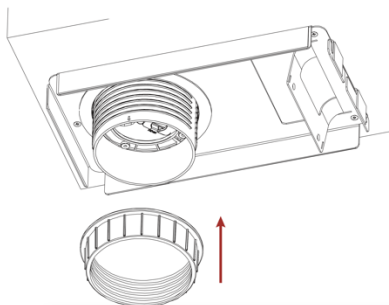
2. Unscrew the KB2.5*5 screw to detach the cable bushing and the cable pass-through plate from the cable access enclosure.



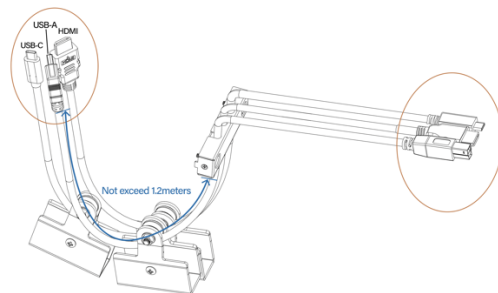
3. Insert the cable access enclosure into the hole.



4. Install the mounting bracket under the table using the three $\Phi 3.0 \times 10\text{mm}$ screws included.

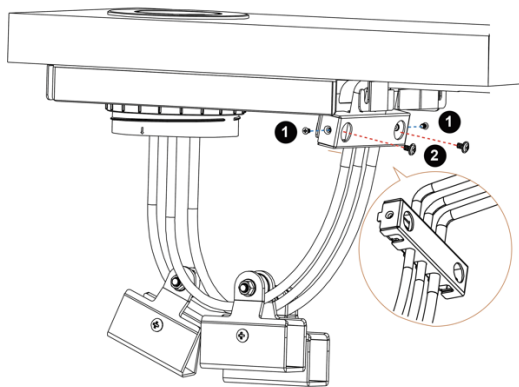


5. Thread the thread sleeve onto the cable access enclosure clockwise from below the table.

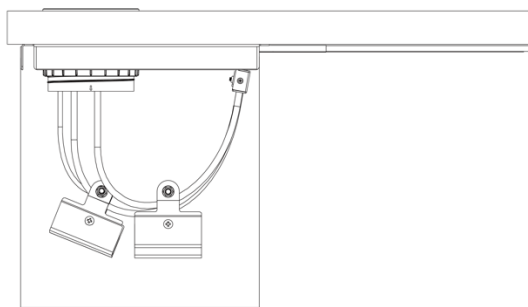


6. Insert one end of the cables through the cable holder's slots and the counterbalance parts respectively.

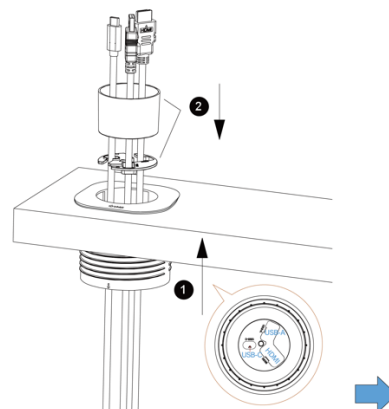
Note: The length of each cable from the top side to the cable holder shall not exceed 1.2m.



7. Affix the cable holder to the mounting bracket using the M2.5*5mm and M3*5mm screws included.

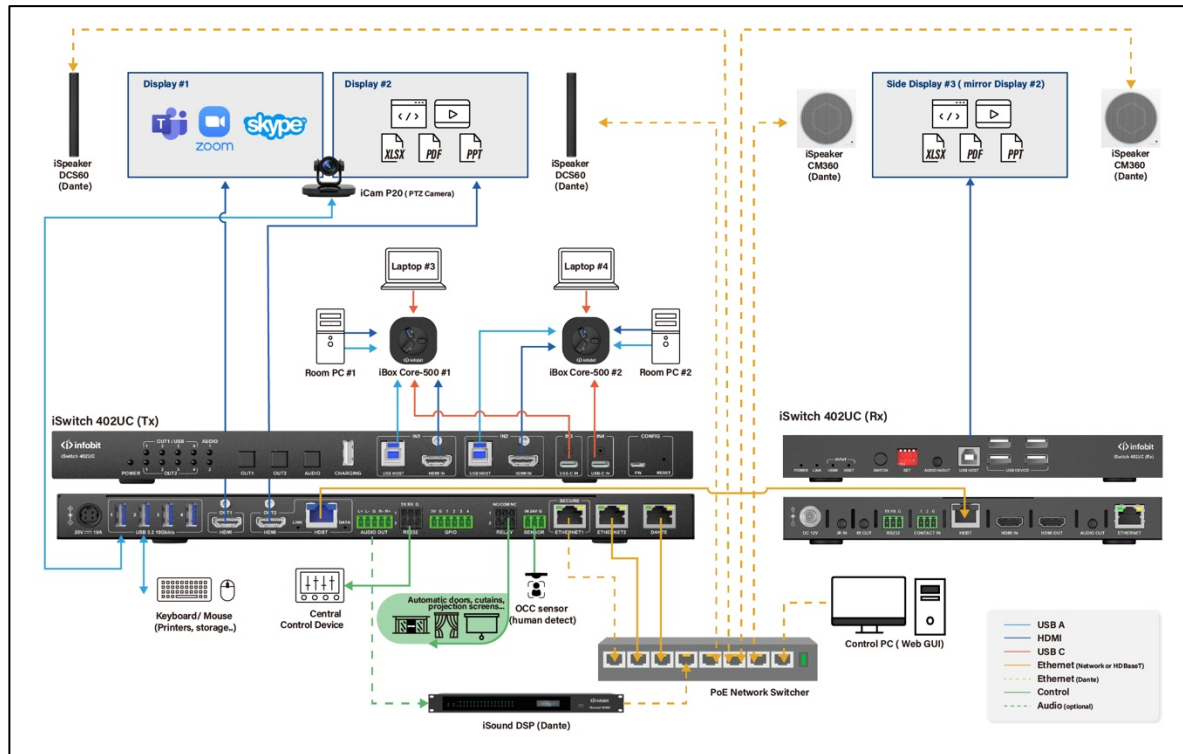


9. Place each cable in an individual compartment of the cable bag included. Affix the cable bag to the four sides of the mounting bracket through the already installed hook and loop strip of the bracket and the bag.



8. Pass the cables upward through the cable access enclosure's corresponding holes, and insert the cable pass-through plate and the cable bushing through the cables in sequence. Then apply the KB2.5*5 screw into the cable access enclosure.

7. DIAGRAM



8. DATASHEET

Model	iBox Core-500
Name	Retractable In-Desk Table Box with USB C, HDMI and USB 3.0
HDMI Cable	HDMI 2.0, Length: 2m, (Model: iCable H4KS-02)
USB-C Cable	USB 3.2 Gen2, Length: 2m, (Model: iCable U4-CC2020)
USB-A to USB-B Cable	USB 3.2 Gen1, Length: 2.0m, (Model: iCable U3S-AB02)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	10% to 90%, non-condensing
Enclosure Type	Plastic



Mounting	Flush tabletop mount
Dimensions (W x D x H)	86mm x 86mm x 75mm / 3.39" x 3.39" x 2.95"
Recommended Table Opening	80mm/3.15"
Min./Max. Table Thickness	5mm–45mm / 0.2"–1.77"
Net Weight	0.15kg/0.33lb (for Enclosure only)