infobit

iShare CX4

USB C 4K Wireless Dongle

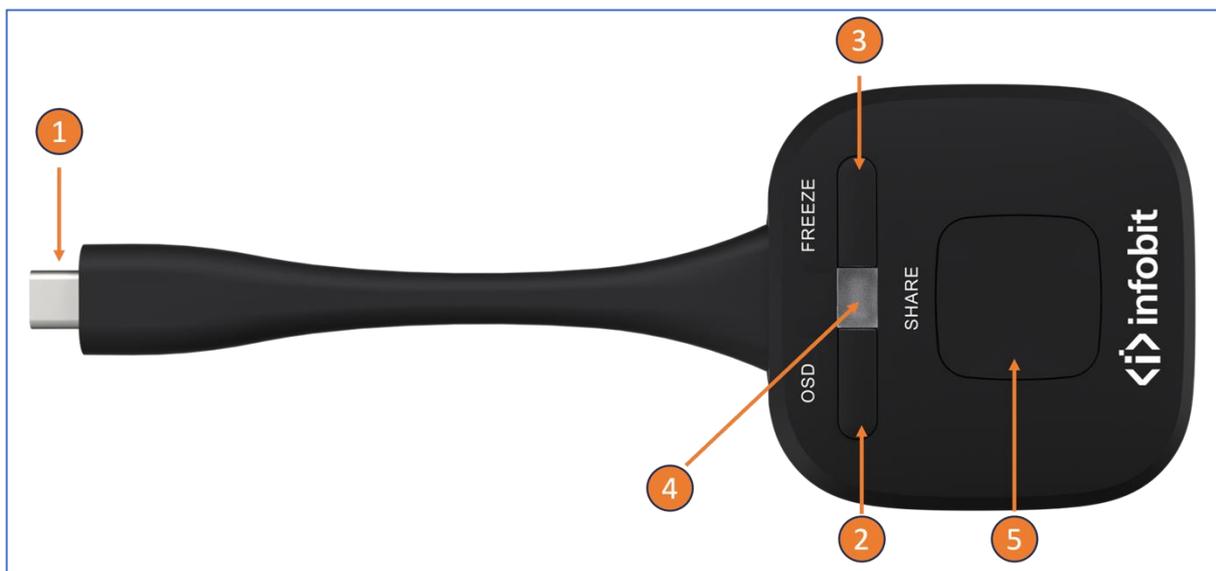Datasheet V1.1

1. OVERVIEW

The iShare CX4 is a brand new 4K wireless dongle that work with USB—C sources including laptop, smartphone, tablet etc, it transmits not only A/V but also USB data wirelessly between the source and base unit; different with other dongles in the market, it provides additional 2 small buttons for more features and capabilities.

2. FEATURES

- Wireless sharing fromUSB—C source, including laptop, smartphone, tablet etc.
- Wireless content input resolution up to 4K@30 Hz.
- Plug—n—play, no software installation for content sharing, easy to use.
- Press button for sharing and stop sharing
- Long press to get full screen view
- Left small button for image freezing
- Right small button for customizable function, like switching camera, switching USB hub, display content sharing. Now it supports to show or hide the OSD information.

3. INTERFACES

ID	Name	Description
1	USB-C connector	Using the USB C **(DP Alt-Mode)** connector of the button can be plugged into a PC/Laptop for sharing your screen.
2	OSD	To show OSD information on the Home Screen. (The OSD will disappear automatically after 5 seconds)
3	FREEZE	To freeze the mirroring image.
4	LED ring indicator	Indicates the status of the dongle.
5	Touch button	Touch the button to start or stop mirroring.

4. SPECIFICATION

iShare CX4	
Video Input Connectors	1×USB type C (DP Alt-Mode only)
Video Input Resolution	3840x2160@30Hz, 2540x1440@60Hz, 1920x1080@60Hz, 1280x720@60Hz
Format Compliance	Compliant with DP 1.2 for 1.62Gbps, 2.7Gbps ,5.4Gbps Compliant with DP 1.2 and eDP1.4 Support DP 1, 2, 4 lanes Over type C
HDCP	HDCP1.4
USB Interface	USB type C x1
Audio Input	DP, 2CH PCM
Control connector	USB HID (Touch back)
Video Playback Frame Rate	20-60 FPS
Latency	1080P@60: 80-120ms, 4K@30: 130-170ms
Wireless transmission protocol	WIFI IEEE 802.11 a/g/n/ac
Frequency band	2.4 GHz & 5 GHz
WIFI Antenna	MIMO 2x2

Data rate in wireless	Up to 1,200Mbps
Distance	Typical: 35m without obstacle
Dimension (W x D x H)	65mm x 183mm x 13mm
Weight	80g
Operating Temperature	0°C to +45°C
Storage Temperature	-20°C to +60°C
Relative humidity	20%~85% RH (no condensation)
DC Power	USB Internal 5V
Power consumption	3.5W(MAX)

5. COMPATIBLITY

Compatible Receivers	Functions
iShare X100	BYOD only
iShare X200	BYOD only
iShare X400	BYOD and BYOM

6. GUIDE

- At the 1st time use, people need make sure the dongles are already paired with the base unit.
- After plug-in the dongle to the laptop, the LED indicator will be lighted in green, and then flash for a few seconds, it will turn stable in red, last you're able to share content by press the big button, stop sharing by press the button again.
- When multiple sources are connected, people can get full screen view of their content by long press the big button.
- Press the left small button, you can freeze the image on the screen, press again to release the image freezing.
- The function of right small button is designed to show or hide the OSD information.