



iShare X400 Pro

Dual Screen Wireless BYOM Switcher
Datasheet V1.0





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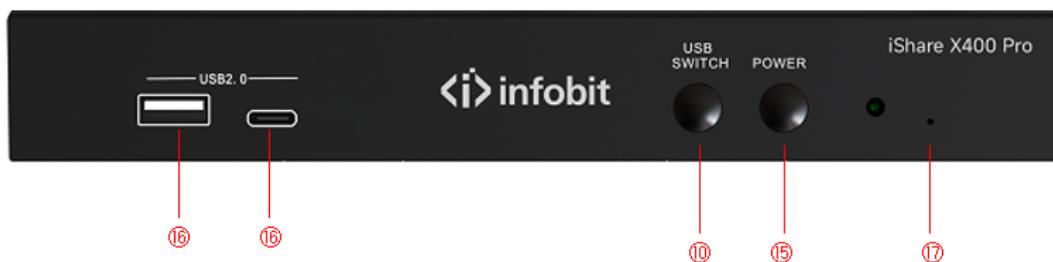
1. OVERVIEW

The iShare X400 Pro is new generation wireless conference base with one HDMI input up to 4K30 and two HDMI outputs. Wireless input supports up to 4K30. It supports sharing PC content to the display via transmitters, Windows and macOS clients, and native protocols such as Airplay, Miracast, and Chromecast, while supporting wireless connection of compatible USB devices such as webcams and microphones via Windows and macOS clients to PC.

Supports dual-screen display and can display 5 devices simultaneously in a multi-view layout. It also has a powerful Web GUI management background through which all these functions can be configured and managed.

2. INTERFACE/BUTTON DESCRIPTION





- ① GPIO interface
- ② RS232 for control
- ③ 2x 1000M LAN port, for network connection and telnet control
- ④ Sub HDMI output
- ⑤ Main HDMI output
- ⑥ HDMI input
- ⑦ Reset
- ⑧ 3.5mm jack
- ⑨ Touch HID for sub output
- ⑩ Touch HID for main output
- ⑪ USB-B port for connection with room PC
- ⑫ 3x USB-A 3.0, 1x USB-C for USB devices like camera, speakerphone
- ⑬ 12V/3A power
- ⑩ Power standby
- ⑮ USB switching button
- ⑯ USB-A for HDMI dongle for paring, USB-C for USB-C dongle pairing
- ⑰ Kensington lock

3. TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
HDMI output	1x HDMI 2.0, 1x HDMI 1.4
Main output Resolution	3840x2160@60Hz, 3840x2160@30Hz,
	1920x1080@60Hz, 1280x720@60Hz
	1900x1200@60Hz, 1280x800@60Hz
Sub output Resolution	1920x1080@60Hz, 1280x720@60Hz
	1900x1200@60Hz, 1280x800@60Hz
Format Compliance	HDMI1.4/HDMI2.0
Input video Capacity	1080P @ ≤30Hz Airplay, Miracast, Chromcast
	1080P @ ≤30Hz "iShareX" app
	4K @ ≤30Hz for HDMI dongle
	4K @ ≤30Hz for USB-C dongle
HDCP	HDCP 1.4
HDMI Input	1x HDMI 19-pin female connector



Format Compliance	HDMI1.4
CEC	Support
Analog audio Output	Yes, 3.5mm jack
LAN port	RJ45 x2 1000Mbps
USB interface	USB-A 3.0 x3, USB-B 3.0x 1, Type-C(USB3.0) x1, USB 2.0 x3, Type-C(USB2.0) x1
USB Camera over WiFi	≤1080P@30, MJPG
Audio Input	AirPlay/Miracast/Chromecast, Windows/MAC Apps, buttons, USB Mic
Audio output	jack, HDMI, jack + HDMI, USB Speaker
Control connectors	3 pin Phoenix terminal/ RS232 interface
Number of window simultaneous on screens	≤ 5
Number of simultaneous connections	≤ 16(Max 2xAirplay or 2xMiracast or 2xChromecast, no limit with Apps and buttons)
Video Playback Frame Rate	20-60 FPS
Latency	80~120ms
WiFi Data rate	Up to 1,200Mbps
Wireless transmission protocol	WIFI IEEE 802.11 b/g/n/ac
Web security	HTTPS
Frequency band	2.4 GHz & 5 GHz
WIFI Antenna	MIMO 2x2 and MIMO 1x1
WIFI Encryption	AES WPA PSK, WPA2 PSK
Control method	Web GUI, Telnet, RS232
DC Power input	12V/3A
PoE	YES, IEEE802.3at
Digital Signage	YES
Dimension	222mm x 120mmx 32mm (without antenna)
Net Weight	850g
Storage Temperature	-4° ~ +140° F (-20° ~ +60° C)
Humidity	20%-90% (non-condensing)
Power Consumption	30W (MAX)

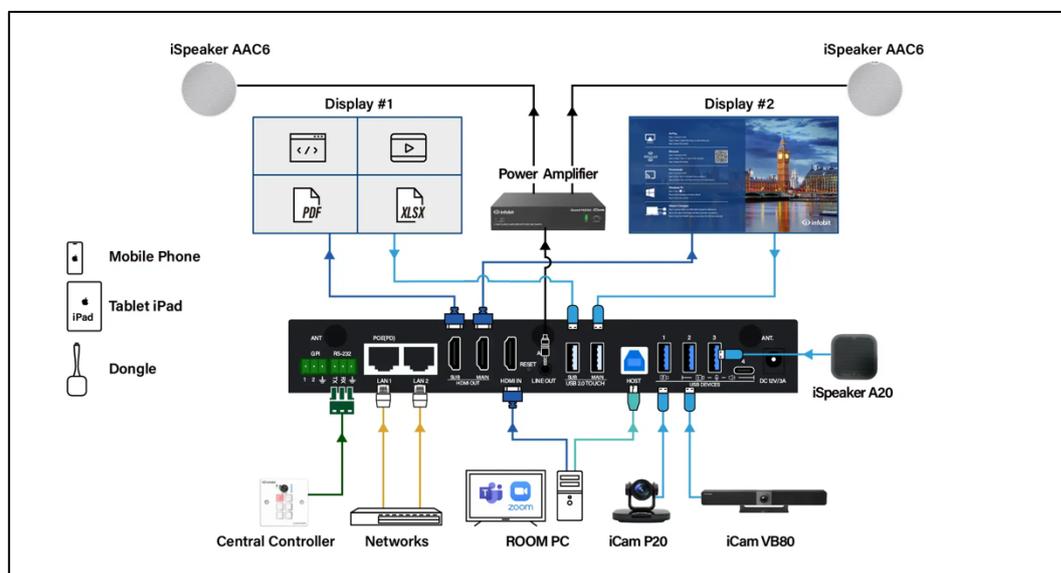
4. FEATURES

- 2x HDMI outputs enabling content sharing from same source or different sources.
- Support up to 4 sources shared in a single screen.
- Support 1080P wireless sharing from Airplay, Miracast, Chromecast, or iShareX App.
- Supports ultrasonic and Bluetooth near-field discovery technology.
- Working with both 1080P and 4K wireless transmitter.
- Provide 1x 4K HDMI input.
- Provide 1x USB-B port for host PC.



- Support USB cam/mic/speaker transmission over WiFi.
- Support 2x camera connection and switching.
- Support USB devices switching between local USB-B and wireless laptops.
- Support display content sharing to remote participant over video conference.
- Provide 2x LAN ports for network isolating between staff and guest.
- Support PoE with LAN port 1.
- Support reverse control of sources from touch screen.
- Provide native annotation and whiteboard tools with both outputs.
- Analogue audio extraction on stereo unbalanced 3,5mm jack connector.
- One channel RS232 can control 3rd party devices or be controlled.
- Provide API commands for RS232 and Telnet control.
- Provide powerful and intuitive web control interface.
- Provide GPI control interfaces with customizable function.
- All data transmitted are encrypted with RSA & AES.
- Support with LAN EAP certification.
- Support customization with home screen page.
- Provide OTA (on-the-air) firmware upgrade.
- Support digital signage streaming.

5. DIAGRAM



6. AVAILABLE DONGLES

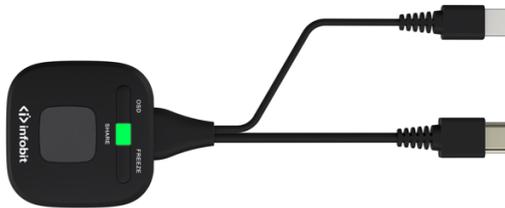
Note: the dongles are sold separately.



iShare HX: HDMI HD dongle



iShare CX: USB-C HD dongle



iShare HX4: HDMI 4K dongle



iShare CX4: USB-C 4K dongle