

iShare X100

Wireless Presentation System (BYOD) User Manual V1.0



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1. OVERVIEW

The INFOBIT iShare X100 is a cost-effective wireless presentation system for small to medium-sized meeting rooms, classrooms, and huddle spaces. it allows people to (BYOD) Bring Your Own Devices to share content anywhere they sit and easily collaborate with others without any public contact. It helps conference or training went on safely as normal, with the least contact and required social distance. It enables laptop users simply use the plug & play dongle to share the PC content to the display. Mobile phones and tablets users can be shared just as easily via Airplay, Miracast, Chromecast, or iShare X Android app.

2. FEATURES

- Pure wireless presentation experience, (BYOD) Bring Your Own Devices, no cable messy.
- Wireless content input up to 4K, HDMI 2.0 output.
- Support native wireless mirroring protocols like Airplay, Miracast, Chromecast.
- Support plug-n-play HDMI/Type-C dongles for wireless presentation.
- Support Android, macOS and Windows APP for wireless presentation.
- Support wireless touch back on interactive whiteboard/touch screen.
- Best-in-class data security and high standard encryption.
- Support moderator mode with preview function.
- Support whiteboard and annotation.
- Customizable home screen page.
- Central management platform available.
- Support 1 image per screen.

3. SPECIFICATION

Model	iShare X100
Images per screen	Max. 1 image
HDMI output	1x HDMI 19-pin female connector
Video Output Resolution	3840x2160@60Hz, 3840x2160@30Hz, 1920x1080@60Hz
Format Compliance	HDMI1.4/HDMI2.0
	1080P @ <60Hz Airplay for iOS devices
Video Capacity	1080P @ <60Hz "iShareX" app
	1080P @ <60Hz for iShare HX, iShare CX; 4K30 for iShare HX4 and iShare CX4.
HDCP	HDCP1.4/HDCP2.2

Analog Audio Output	1x 3.5mm PC audio female connector
LAN port	1x RJ45, 1,000Mbps
USB interface	1x USB3.0, 1x USB 2.0, 1x Type-C
Audio Input	AirPlay, Windows/MAC, WirelessMedia
Number of window simultaneous on screen	1+15 (1 main windows + 14 thumbnail windows)
Number of simultaneous connections	≥16
Data rate in wireless	Up to 1,200Mbps
Video Playback Frame Rate	20-60 FPS
Latency	< 100ms, Min 20ms
Wireless transmission protocol	WIFI IEEE 802.11 a/g/n/ac
Frequency band	2.4 GHz & 5 GHz
WIFI Antenna	MIMO 2x2
Dimension (W x D x H)	165mm x 95mm x 24.5mm
Weight	200g (0.4lbs)
Temperature	-4° ~ +140° F (-20° ~ +60° C)
Humidity (Storage / Operating)	20%-90% (non-condensing)
DC Power	12V

4. HARDWARE

4.1 FRONT PANEL

<i>infobit < Wireless Presentation 1 Image ></i>	IShare ×100	
usb 2.0 iShare X100 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	POWER	6

ID	Name	Description
1	USB-A	USB port, for dongle pairing, mouse control, USB touch screen etc.
2	USB Type-C	Type-C port, for dongle pairing.
3	Power Button	Turn on or off the device.
4	LED indicator	Initializing indicates RED, power on indicates flashing GREEN, "Ready to share" indicates static GREEN, "Sharing" indicates static cyan.

USB-A port

- Used for updating the new firmware to the iShare X100.
- Used for pairing the dongle and base unit when the transmitter is plugged in.
- Used for connecting a mouse to create/upgrade Launcher by clicking Download button, hide SSID, PASS, Wifi IP and Lan IP by clicking Info, check Security level button and control PC source device, when a PC desktop is mirroring to the screen by the dongle.
- Used for connecting a USB-based touch screen to create/upgrade Launcher by clicking Download button, hide SSID, PASS, Wifi IP and Lan IP by clicking Info, check



Security level button and control PC source device, when a PC desktop is mirroring to the screen by the dongle.

• Used for creating or upgrading Launcher by clicking Download button, when a USB stick is plugged in.

Type-C port

• The Type-C port is used for pairing Type C dongle.

4.2 REAR PANEL



ID	Name	Description
1	Line audio output	2 channel analog audio output, connect a 3.5mm mini-jack PC connector.
2	USB3.0 connector	USB port, for USB dongle pairing, mouse control, USB touch screen etc.
3	Reset	Reset button to restore to the factory default setting.
4	HDMI output	Connect an HDMI 2.0 cable to an HD or 4K display.
5	LAN Ethernet	1,000Mbps, connect an Ethernet cable between iShare X100 to LAN.
6	DC Power	Connect the included power adapter.
7	Antennas	Screw up the included two antennas.

USB-A port

• Used for updating the new firmware to the iShare X100.



- Used for pairing the dongle and base unit when the transmitter is plugged in.
- Used for connecting a mouse to create/upgrade Launcher by clicking Download button, hide SSID, PASS, Wifi IP and Lan IP by clicking Info, check Security level button and control PC source device, when a PC desktop is mirroring to the screen by the dongle.
- Used for connecting a USB-based touch screen to create/upgrade Launcher by clicking Download button, hide SSID, PASS, Wifi IP and Lan IP by clicking Info, check Security level button and control PC source device, when a PC desktop is mirroring to the screen by the dongle.
- Used for creating or upgrading Launcher by clicking Download button, when a USB stick is plugged in.

Factory Reset

- Start up the Base unit.
- When the Home Screen is shown up, press the reset button. Press this button for at least 2 seconds with a pointed object, e.g. an unbent paper clip until the "Factory Reset" page is shown up as below.
- The Base unit will reboot after 3 seconds to be default configuration.
- If you do not have a picture, press and hold the reset button until the red LED in the top panel will be lit, to execute the reset.

🖌 Factory reset		
	Factory reset	
	Cancel	

NOTE: All previous settings will be lost, and you will need to do the set-up once more.

Default Configuration

Ethernet:	Proxy: None
	DHCP: Enable
Wireless network:	Frequency: 5GHZ
	Channel: Auto
	Auto change Wi-Fi hotspot password: 5minute
Display & Audio	HDMI resolution: Auto



	HDMI CEC:
	Device auto power off: ON
	Base unit auto power on: OFF
	Audio output: Jack & HDMI
	Airplay screen quality: High
	Show device name and password when mirroring: OFF
	Show PCs username when mirroring: ON
Moderator Control	Add a sub-window bar to enable previewing the connected
	devices: ON
	Real time preview: ON
System settings	Date & time: Automatic date & time: use network-provided
	time
	Auto Standby: Never
	Language: English
Security Settings	Security Level: Security level 1
	Connection Password: 4-digits password beginning with
	0000
	Change admin password: admin (default)
Other settings	Auto create launcher: Disabled
	Clear history after meeting: Always

5. DONGLES

iShare HX, **iShare CX**, **iShare HX4**, **iShare CX4** are dongles, which is used for toggling the mirroring from personal PC or MAC desktop on the main screen.

Model	Connectors	Resolution	OSD	FREEZE
iShare HX	HDMI+ USB A	1080p	NO	NO
iShare CX	USB C	1080p	NO	NO
iShare HX4	HDMI+ USB A	4K30	YES	YES
iShare CX4	USB C	4K30	YES	YES

LED ring indicator behavior

- When LED indicator is in static green, it's ready to mirror your PC desktop on the main screen.
- When LED indicator is in static red:
 (1) it's mirroring your PC desktop on the screen,
 (2) pairing is done. You can now unplug the Button from the base unit.
- When LED indicator is in blinking Green:



(1) The button is plugged in the laptop and initializing or waiting for user to start the iShareX application

- (2) Pairing/software upgrading of the button in the Base Unit is in progress.
- When LED indicator is Off (no light)
 (1) The button is not plugged in the PC/Laptop.
 (2) The button is defective
 (3) The USB port or computer might be defective.

5.1 ISHARE HX



ID	Name	Description
1	HDMI connector	Using HDMI connector of the button can be plugged into a PC/Laptop for sharing your screen.
2	USB-A connector	Supply power or plug into the base unit for pairing the Button to the Base Unit or upgrade the dongle.
3	Touch button	Touch the button to start or stop mirroring.
4	LED ring indicator	Indicates the status of the button.

5.2 ISHARE CX

The **iShare CX** is a fully functional type-C interface with DP Alt-mode, which supports audio and video transmission. Thus, PC's type C connector also requires fully functional.



ID	Name	Description	
1	USB-C connector	Using Type C (DP) connector of the button can be plugged into a PC/Laptop for sharing your screen.	
2	Touch button	Touch the button to start or stop mirroring.	
3	LED ring indicator	Indicates the status of the button.	

5.3 ISHARE HX4



ID	Name	Description
1	HDMI connector	Using HDMI connector of the button can be plugged into a PC/Laptop for sharing your screen.
2	USB-A connector	Supply power or plug into the base unit for pairing the Button to the Base Unit or upgrade the dongle.
3	OSD	To show OSD information on the Home Screen. (The OSD will disappear automatically after 5 seconds)
4	FREEZE	To freeze the mirroring image.
5	LED ring indicator	Indicates the status of the dongle.
6	Touch button	Touch the button to start or stop mirroring.

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5.4 ISHARE CX4



ID	Name	Description
1	USB-C connector	Using the USB C 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 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.

<i>infobit 6. HOME SCREEN



ID	Name	ICON	Description		
1		((ŋ))	(1) Wi-Fi Direct mode: Internal access point is enabled.		
	Wi-Fi Indicator	-Fi	(2) Wi-Fi Infrastructure mode: "Client-Mode" Wi-Fi connection to router is established, icon displays the current signal strength.		
		Indicator	Indicator	1	(3) A secure Wi-Fi connection is established, or connection to a router failed:
			(4) Wi-Fi is not available:		
		· · · · · · · · · · · · · · · · · · ·	LAN Infrastructure mode: access point is		
			disabled.		

ID	Name	Description
2	ID	Wi-Fi name or device name of the Base-unit access point.
3	PASS	Wi-Fi password of the base unit.
4	Password-timer	Only displayed when timer is enabled.



		Period of the password changing automatically.	
5	Refresh WiFi password	Generate new password manually for securing your Wi- Fi network.	
6	Time	Show time, if LAN has access to a time server; even after disconnecting the LAN connection, the time is displayed until the device has been disconnected from power.	
7	Security level	Security level 1-3, Click the icon to check details. The settings can be only changed by the Administrator in the Web GUI.	
8	Download	Create & upgrade the launcher "iShareX" software for Windows, MAC to USB stick.	
9	Info	Show or hide the status-bars 1- 6 on the home screen.	
10	AirPlay Quick Start	Steps to instruct how to transmit iOS, macOS or iPadOS devices.	
11	Miracast & Android	Mirror via Miracast directly or scan the QR-code for Android device and download the App from GooglePlay Store.	
12	Chromecast	Mirror via Chromecast wireless.	
13	Windows PC	Steps to instruct how to transmit PC/Lap-top onto the main screen.	
14	iShare X Dongles	Mirror via iShare X wireless dongles.	
15	Wi-Fi 7 LAN IP	Wi-Fi IP: address of base unit in wireless LAN Assigned IP: address of base unit in LAN; "N/A" = no connection to network	
16	Preview	Preview the screen contents of all connected transmitters and mobile devices. White Board and Annotation function.	
16	White Board icon	Whiteboard function	
18	Info	Click to show ID and password when mirroring.	
19	Annotation	Annotation function.	

7. INSTALLATION

7.1 INSTRUCTION

The Base unit can be installed in different ways in a meeting room.

- Table mount
- Wall mount

The articulated antennas are removable. They can rotate for better wireless connection.

Attention: To ensure optimal performance, the base unit should be installed near the display and any obstacles between the two units should be avoided.

Tools

- A drill (type of drill depends on the type of wall)
- The mounting screws (mounting screws not included in the package)

Parts

• 2 mounting screws (Screw head diameter of screws shall be within 6-8mm)

How to install

- Please drill two holes in the wall as indicated on the drawing. The horizontal distance should be 177 mm ± 0.15.
- At the bottom of the Base Unit, please turn in two flat screws into two holes of the smallest diameter to ensure a secure fastening.

Antenna placement rules

- The antennas should be oriented vertically, so perpendicular to the ceiling and parallel to the walls.
- The antennas should be installed far enough (at least 50cm/1.6ft) from metallic surfaces to avoid unwanted reflections and far enough (at least 1m/3.3ft) from other radio equipment that operates in the same frequency range, e.g. other Wi-Fi access points, cordless telephone, microwave ovens. It is also best to install antennas at least 15 cm (6 inches) from concrete walls.
- The most favorable situation is a direct line of sight between antennas and Buttons. Any obstruction will cause the signal to follow a longer propagation path, which can result in performance degradation.
- Due to the particular radio pattern of the dipole antennas, the antennas should not be placed just above potential positions of iShareX users. As a result, the advised position for the antennas is at the side of the meeting room.

7.2 WIRING & CONNECTION



Power Connection

The base unit is equipped with an external universal power adapter for convenient operation.

- Connect the power connector to the power adapter to the power input connector of the Base Unit.
- Connect the power cable plug to the wall outlet.
- Switch the base unit on.

Video Connection

- Connect the HDMI output of the base unit to a 4K or Full-HD display using an HDMI cable.
- Once the system is operational, the home page will be displayed as shown below.

Audio Connection

The dongle enables the transmission of audio output from the PC/laptop to the base unit. Additionally, audio can be output to the jack socket 3.5mm connector and via the HDMI output connectors simultaneously.

• Connect an audio cable with a mini jack socket 3.5mm connector into the audio input of the Base Unit.



• Connect the other end to the meeting room's sound system, like DSP, Power Amplifier, etc.

Sound is not sent out.

- Once the PC/laptop has successfully mirrored the desktop to the main screen, iShare X100 will begin capturing and transmitting the audio.
- To ensure a successful connection, please verify that the button is displaying a static green color and that the PC/laptop is sharing on the screen.
- Additionally, we recommend reviewing the settings to adjust the volume as needed. This can be done by navigating to the iShareX settings tab.

PC/Lap Sound

- By default, the iShare X100 will mute the internal speaker of the PC/Laptop and route the audio to the base unit. This is done after the PC/Laptop has successfully mirrored the desktop to the main screen. This avoids the repeated audio that would otherwise occur.
- When the button to stop sharing is clicked, the local loudspeaker will return to its previous status. The volume on the PC/Laptop can then be adjusted.

LAN Connection

The Base Unit can be connected to a local network or directly to a PC/laptop. A LAN connection is not required for normal operation. It is recommended that the iShare X100 be connected to the Internet when necessary.

• Connect a network cable with an RJ-45 connector to the LAN port on the Base Unit.

USB Device Connection

It supports USB control through either USB keyboard/Mouse or interactive touch display.

- To configure the security level, please click the DOWNLOAD BUTTON and select INFO.
- To manage the sharing of your PC or laptop.
- To activate system upgrades
- For use as a whiteboard or for annotation during a presentation, iShareX transmits video, audio, and the USB-HID function for mouse control and click functions of a touchscreen. Please connect the touch interface of your screen to the USB port on your laptop or PC.

USB keyboard/mouse control

- Single click to select.
- Right-click to back to the Home Page.

Touch screen control

• To interact with the screen using touch and gesture controls.



• To open contextual menus by long-pressing the screen, which is equivalent to double-clicking or right-clicking with a USB mouse. Long press to open the contextual menus, as double-click or click the right button of a USB mouse.

8. QUICK TO START



8.1 AirPlay Mirroring

Apple AirPlay technology enables users to stream their screen or audio content, including YouTube videos and images, wirelessly to the base unit.

- Setting your iPhone WiFi connect to the base unit SSID.
- Click the Airplay icon on your Apple devices (iPhone, iPad, mac) and start screen mirroring through the iShare X100 to the main screen.





macOS/ iPad OS (mac, iPad)

8.2 Miracast & Android Mirroring

Miracast

To enable Miracast mirroring, please insert the WiFi adapter to the front USB-A port of the iShare X100. See as below:





8.2.1 Miracast via Android phone

- Please ensure that the Wi-Fi or WLAN is enabled.
- To enable wireless projection, swipe down from the top of the phone's screen and click the wireless projection icon that appears in the popup page.



- It will pop out the wireless projection window, find the proper base unit in the available list to connect.
- After entering password, your mobile screen is mirroring on display.
- Click the "wireless projection" icon again, disconnect to stop mirroring.

8.2.2 Miracast via Windows PC

- 1. Make sure the Wi-Fi or WLAN is enabled.
- 2. Click the PC bottom right corner operation zone icon as below.



3. Click "project" icon to enter password on home screen to connect and mirror. Note: under Security Level 1 mode, there is no need to enter password to connect. Under Security level 2 and Security level 3 mode, it will need to enter password on iShare X100 home screen to connect and mirror.



CONNECT			Mar	nage notifications
Where is my device?		Fo	cus assist	
\wp Search	Your no	otifications will re	emain quiet he	ere in
Generic PnP Monitor	Action mode. Only al	arms will break th	nrough.	en
iShareX Connecting	5:20 PM	furn off now	Change fo	cus assist
Enter the PIN for your device.		Winde	ows Security	
Connect Cancel	Firewal	l & network prot	ection	
	Collapse		Clea	ar all notifications
	Ę	<i>i</i> ii	©	² 2
	Tablet mod	e Network	All settings	Airplane mode
	ے	Ð	(°I.)	÷.
	Location	Focus assist	Mobile hotspot	Night light
	ండం	φ	Ð	⊊ <u>∎</u>
	VPN	Battery saver	Project	Connect
Find other types of devices	` *			-1
● 91°F へ ⑫ ແ 🕄 ⑴ ENG 3:07 PM 🖓 7/6/2022		~ ¶	<i>ifi</i> c ⊄× ENG	3:20 PM

- 4. After entering password, it will show your mobile content on display.
- 5. Click the "project" icon again, disconnect to stop mirroring.

8.2.3 Mirroring via iShare X Android app

1. Scan the QR code to download the iShare X application.



- 2. Connect your mobile device to one of the displayed Wi-Fi networks.
- 3. Open the "iShare X" application in your mobile device, and you will see the Home Page of

"iShare X" as shown below. and click the device list refresh button for Android, which is highlighted in red circles as shown below:

10:43 🚯 🖪 🛇	•	ا اا. ا	10:4:	3 🖪 🚯 💭	•	× 💱 💷 🛢	
\$	Device list	:	S		Device list	:	
	Dropdown refresh				Dropdown refresh		
🗍 iShareX		192.168.1.175	iSh	nareX		192.168.1.1	75
🗍 Other device	2		① Ot	her device	2		
				Passwo Hi	r password ord: de password cancel	ok	

- 4. Select the base unit you want to connect, enter password and mirror.
- 5. Now you can mirror your mobile.
- 6. Click again the button "Share Screen" to stop mirroring.
- \diamond Click "Fullscreen" to be full screen in the main screen when more than one signal is connected and shared.



♦ Click the upper right corner icon, check the "iShare X" application version information.



8.3 Chromecast mirroring

iShare X100 support Chromecast function on Windows PC.

PC and iShare X100 base unit need to be in the same LAN network to start cast content onto screen via Chromecast.

1. Open Chromecast browser, connect your PC with same network of iShare X100 as below pic.



2. Click "cast" to start Chromecast function.



3. Find target base unit SSID as below. Click to connect.



S Welcome to Chrome - Add book × +							\sim	-	đ		<
← → C (③ Chrome chrome://welcome/r	new-user					Ŕ	☆	5		1	:
M Gmail 🔹 YouTube 🗱 Maps			*		Cast tab	video sites		×			
	Add bo	ookmarks to	o your favo	rite Google	Apps						
	Skip		•••		Next >						

4. Three options to choose to cast. Cast tab, Cast desktop, Cast file.



8.4 Mirroring via Dongles

8.4.1 Dongle pairing

Connect the **iShare HX/HX4** HDMI dongle to the USB port, connect the **iShare CX/CX4** Type-C dongle to the Type-C port to pair all the transmitters with the base unit. The home page will then display as shown below.

When you plug in the transmitters, the message table will show "Dongle is booting, please wait..."



After completing the pairing, the message table shows "Pairing successful!" on the home page, as shown below.



®্পে୬ ID: iShare X100 ✔ PASS: 0000967	I-8192 70	00:42	
AirPlay	AirPlay Step 1: Connect to WFFi Step 2: Select "Screen Mirroring" or click AirPlay icon Step 3: Select this Device		
Miracast	Miracast Slip 1: Connect to WIFI Step 2: Select "Cast" or "Smart View" function Step 3: Select this device		
2	Chromect Step 1: Connec Step 2: Click 1 Step 2: Sidect	ОК	>
	Windows PC Step 1: Press ## + K Step 1: Press ## + K Step 2: Cick' "Connect to wireless display" Step 3: Select this device Step 3: Select this device		
	IShare X Dongles Step 1: Connect USB-C or HDM/USB-A Dongle to Host device Step 2: The LED on the dongle will flash not whith it is initiating Step 3: Press the "SHARE" button to cast when the LED turns solid red		
Wifi IP: 192.168	.43.1 Lan IP: 192.168.31.239		

Note: After changed the SSID/Wi-Fi channel in the menu, all transmitters must be paired again.

iShare HX / HX4 (HDMI dongle)

- Plug the USB port to base unit to pair.
- Plug both the USB and HDMI ports to PC/Laptop/MacBook. USB port for power and HDMI for AV.
- Touch to mirror when the LED indicates is static green.
- When LED is static red, the desktop is mirroring to the main screen.

Model	Indicator status	Description
iShara HX	¢> innobr	Static Green: Pairing done, connected. Ready for mirroring.
ISnare HX	<>> Introduce	Static Red: Mirroring.
iShare HX4		Static Green: Pairing done, connected. Ready for mirroring.
		Static Red: Mirroring.



iShare CX/ CX4 (Type C dongle)

- Plug the Type C port to base unit to pair.
- Plug the Type C port to PC/Laptop/MacBook.
- Touch to mirror when the LED indicates is static green.
- When LED is static red, the desktop is mirroring to the main screen.

Model	Indicator status	Description
ishara CV	<i>iii infobit</i>	Static Green: Pairing done, connected. Ready for mirroring.
	 	Static Red: Mirroring.
iShare CX4	do retri	Static Green: Pairing done, connected. Ready for mirroring.
		Static Red: Mirroring.

8.5 Mirroring via PC software

How to install the "iShareX" app on your laptop?

Use a universal USB disk to create a "Launcher" on the base unit. Connect the USB stick to the base unit and click the DOWNLOAD icon on the homepage to download "iShareX-windows.exe" to PC.



AirPlay	AirPlay Step 1: Connect to W/Fi Step 2: Select "Screen Mirroring" or click AirPlay Icon Step 3: Select this Device	
Miracast	Miracast Step 1: Connect to W/Fi Step 2: Select "Cast" or "Smart View" function Step 3: Select this device	
<u>س</u>	Chromecast Step 1: Connect to WFI Step 2: Click Tehru" and select "Save and Share" Step 3: Select "Cast" and select the device ID of the Share X	
	Windows PC Step 1: Press ## + X Step 2: Click "Connect to wireless display" Step 3: Select this device	
	IShare X Dongles Step 1: Connect USB-C or HDMI/USB-A Dongle to Host device Step 2: The LED on the dongle will fish red whilst it is initiating Step 3: Press HS-SHARE' button to cast when the LED hums solid red	

Or you could download the application through the Web GUI.

WirelessMedia for Android Please click to download the Android APK	WirelessMedia for Windows WirelessMedia Desktop client software for best performance	WirelessMedia-Pro for Windows WirelessMedia Desktop client software for best safety	WirelessMedia for MacOS X Please click to download the MAC APP
User manual Please click to download user manual			

Please connect your laptop to the Wi-Fi network displayed on the Home screen, or alternatively, connect to the LAN on the network using a network cable.

- Select the iShareX for Windows App for Windows PC. Select the iShareX for MacOS App for MacBook.
- Double-click the "iShareX-windows.exe" Launcher program D, a list of all available "iShareX" in the same network will be displayed, select which device you want to connect to.





- Enter base unit password and click "connect", the system is "Ready to share".
- You can also manually connect by entering the name (SSID) or IP address. (Click icon

).
- Enter the corresponding base unit password, press 'OK', the system is "Ready to share".
- Click the visual button "Ready to share" in Mac, when window color is static red, the desktop is mirroring to the main screen.



- Click the visual button again, to stop mirroring, window color shows green again. You can minimize the APP-window, in top menu-bar you can see if screen is mirroring
 or not 1
- Right click the iShare X status icon in top menu-bar to open the context- menu.



- "About": You can check the software versions of the Base-unit, the dongle, and the launcher program.
- "Exit": End APP. Exiting the App completely. If you click the "close" in the menu bar of the app, the app in the top menu-bar is only minimized and can be recalled again from the top menu-bar at any time.

8.6 Extended Screen Mirroring

Click the icon in App to open/close "options".

- ×
Host name: iShareX
IP address: 192.168.31.211
Settings
Extended Screen
Keep Aspect Ratio
Lowest Latency (Mouse)
Stream Mode : Quality Priority ~
Volume : 100% Quality Priority
i 🖸 🖍 🖉 🔮
Sharing

• Extended Screen:

Transmits the Extended desktop ("Use a Separate Display") only via AirPlay, when activated for Display on iShare X.

• Keep Aspect Ratio:

Keep the original aspect ratio to display on the main screen.

• Lowest Latency (Mouse):

The setting is applied individually for this laptop only. The shape of mouse-pointer is equal the shape in application. There may be a small delay in movement of the cursor (approx. 150 ms). The movement of mouse-pointer is displayed very smooth with hardly noticeable delay (about 20 ms) on the main screen, which significantly improves the operation of the application from the main screen. The look of the mouse pointer is every time, in all applications, like a typical cursor arrow.

• Stream Mode:



- Fluency Priority: (Default) Image transmission delay is small, image resolution will be lower, suitable for PPT presentation mode.
- Quality Priority: The image resolution is relatively high, but when the image content is complex, the transmission delay will be relatively larger, suitable for watching video.

9. PREVIEW CONTENTS

The preview function is available via a sidebar on the right side of the screen. This allows users to preview the images of all connected devices via iShare X100.





Click the start play icon to screen sharing.





Click the stop icon to stop sharing.

10. WHITEBOARD & ANNOTATION

Whiteboard and Annotation requires an HID compatible device, such as interactive white board or interactive touch screen. It is easy to use, makes collaboration in your business more productive and effective: documents can be easily written, edited, captured and shared.

Whiteboard: write all your ideas and share the digital notes with anybody. Different colors of pen and background can be selected.

Annotation: draw or write annotations in overlay within your documents, presentations. Save and share everything that was discussed. Different colors of pen can be selected. How to start Whiteboard or Annotation mode

The "Preview window" in Home Screen to start this mode. Tap (click) the LEFT-arrow (1), located on the right side of the screen, and select Whiteboard

or Annotation icon icon in (2). Icon in (2) indicates "information", click to check the base unit SSID, password, Wifi IP and Lan IP address when some devices are sharing on main screen. This info will show on main screen at least 20s then will disappear automatically. To let other attendees, join into meetings as well.



গ্দেগ ID: iShare X100 ✔ PASS: 0000967	-8192 70(04:48) 🕲	23:39	a set	10-200
AirPlay	AirPlay Step 1: Connect to WiFi Step 2: Select "Screen Mirroring" or click AirPlay Icon Step 3: Select this Device			
Miracast	Miracast Step 1: Connect to WiFi Step 2: Select "Cast" or "Smart View" function Step 3: Select this device			
٣	Chromecast Step 1: Connect to WiFi Step 2: Click "Menu" and select "Save and Share" Step 3: Select "Cast" and select the device ID of the IShare X			
	Windows PC Step 1: Press 📲 + K Step 2: Click "Connect to wireless display" Step 3: Select this device			
	IShare X Dongles Step 1: Connect USB-C or HDMI/USB-A Dongle to Host device Step 2: The LED on the dongle will flash red whilst it is initiating Step 3: Press the "SHARE" button to cast when the LED turns solid red			
Wifi IP: 192.168	.43.1 Lan IP: 192.168.31.239			

The toolbar for Whiteboard or Annotation appears in the bottom of your screen. If another user is mirroring, the Whiteboard & Annotation function is closed.

10.1 Whiteboard

E=mc

Click on the icon to enter the white Whiteboard page. You can create free drawings with your finger at touch screen, mouse (multitouch capability).





ID	lcons	Function
Tool bar 1		Add an empty page.
		Delete the actual page.
	1/1	Display previous or next page
		Undo: one step backward in changes
		Redo: one step forward in changes
Tool bar 2		Erase part of drawings or annotation, change diameter by a longer tap
		Clear the entire drawing/writing on the screen
		Pen allows writing/drawing in different colors.
		Draw basic geometric shapes.
		Select color of board, the drawing will be kept
Tool bar 3		will pop up, when "Pen" or "Draw shape" or "Select color of board" is selected, for individual change of size of Pen, Shape or color.



Tool bar 4		
File options		Save the current screenshot on local storage (PNG+WIMN)
Open		Close Whiteboard to go back to Home screen, actual project
New project		
Save as		File options:
		 Open WMN-file from local storage and continue/edit an older project.
		New project
Save as pdf		 Save as WMN on local storage in unit, it will be erased after POWER-OFF
Clear bietory		 Import from U disk stored project (WMN)
Gearmatory	-	 All pages are saved as PDF on local storage. Clean bittom: delate all whiteheard & annetation files
		on local storage
		on local storage

10.2 Annotation

Click on icon

to enter the Annotation function.



ID	Icons	Function
		Undo: one step backward in changes
Tool bar 1		Redo: one step forward in changes



		Erase part of drawings or annotation, change diameter by a longer tap
		Clear the entire drawing/writing on the screen
		Pen allows writing/drawing in different colors
		Draw basic geometric shapes
Tool bar 1		Close Whiteboard to go back to Home screen, actual project can be saved on local storage (WMN) Close Whiteboard to go back to Home screen, Save the current screenshot on local storage (PNG)

Download the annotation drawings to connected users

Scan the QR-code with your mobile's camera or enter the given IP-address in a browser. If the network connection is set properly, you will get the saved files on Base unit, which you can download as PNG file. The possibility for download will be closed after you click OK. You can copy data to USB disk and put this USB disk into the Base-unit and import with "Import from U disk" to the Whiteboard-section.



Success

Succeed to save, the path is: /Internal storage/wmNote/20191202174323. Scan qr code or access the url below to download. The download service will be closed when you click OK.



name size modify date action 0.png 381.5 KB 19-12-02 PM04:57 download

11. WEB GUI

11.1 How to access the Web GUI page?

- Please connect your laptop to the iShare X100 base unit via WiFi. The base unit SSID and password will be displayed on the homepage.
- Open your laptop web browser and enter the base unit IP address. The default WIFI IP address is **192.168.43.1**, which is displayed on the button of the homepage. Please click on the icon to access the management page and the login system. The default password is admin.

Please enter your password in the login system, the default password is "admin" (as shown below)

Pinfobit
Login
ord
Remember me
Login

To access the configuration menu, click "Settings" in the top right corner.

← → C ▲ Not Secure 192.168.31.239			☆ 💈 🔅 🐵 🗣 🙆 🖸 🔕 🗄
Downloads	iShare	X100-8192	English 🝷
EshareX Android App Please click to download the Android APK	ShareX Windows App BhareX Desktop client - for permanent use (auto start)	ISharoX Portable App ShareX Windows client for temporary use	ShareX MacOS App Please click to dewnload the MAC APP
User manual Please click to download user manual			

You have accessed the Administration page of the host computer (as shown below). On the left side of the main page of the Administration page, includes Network settings, Display & Audio, Moderator control, System settings, Security settings, Firmware upgrade, Other settings and About device.

Settings					金 🕣
🗢 Network settings	^	Wireless network			
Wireless network					
Ethernet					
Auto change password		Device name	iShare X100-8192		
🖵 Display & Audio	~	Network mode	Wireless direct mode		
🕀 Moderator control	~	WiFi mac	4c:31:2d:a1:c3:88		
System settings	~			Start modifying	
Security settings	~				
🛓 Firmware upgrade	~				
Other settings	~				
About device	~				

11.2 Wireless Network Configuration

iShare X100 has the capability to be integrated into an organization's network, whether it be a corporate network or a school network. Once integrated successfully, the iShare X100 can support your device's projection via an internal wired network or via wireless P2P.

• Please change the device name for the base unit. If you have more iShareX installed, we recommend using a descriptive name.

Wireless network		
1.Device name	2.Mode selection 3.Network settings	4.SSID setting
Device name	IShare X100-8192 The device name is the host name of the device, which is used as the WIFI name when it is set as Wireless Direct Mode, or host name when it is set as Infrastructure Mode. Please pay attention that the changing of ID may cause the re-pairing of the dongle. Please don't use special signs like ;: @#\$%^&* 0. Cancel Next step	

• Click "Next step". The wireless network offers three connection options.

Wireless network					
1.Device name	2.M	Node selection			4.SSID setting
O Wireless direct mode		Wireless infrastructure mod	e	LAN infra	D . z u structure mode
	Previous		Next ste	p]

11.2.1 Wireless Direct Mode

Wireless Direct Mode also call AP mode. iShare X100 unit creates its own wireless access point for connect the all the device. This is a typical way to quickly set up for group meetings. The "Wireless Direct Connect Mode" Wi-Fi icon is displayed in the status bar at the top of the Home screen. The Guest and Staff use the internal Wi-Fi access point of Baseunit to present with all their units. No Internet access is required.

Recommended Environment

This option is ideal for use in conference rooms where network access is unavailable, or in situations where visitors are not permitted to use the corporate network due to stringent security requirements.

Set-up Wi-Fi access points, Frequency, Channel and Password.

Wireless network					
1.Device name		2.Mode selection	3.Netwo	ork settings	
ر الله الله الله الله الله الله الله الل	network	ر الله الله الله الله الله الله الله الل	To access		
SSID discovery and connection	Yes				•
Frequency	5GHz				•
Channel	36				•
Password					[®]
	Prev	ious		Next step	

- Frequency: Click to select 2.4 GHz or 5 GHz Wi-Fi frequency. Default is 5 GHz.
- **Channel**: Click to select the Wi-Fi channel. Default is 5 GHz, Auto.
- If the Wi-Fi channel is changed, no new pairing of the dongle is necessary.
- **2.4 GHz frequency band**: channels 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,
- **5 GHz frequency band**: no need to choose 5G channel, system will choose proper channel automatically.
- Default is 5 GHz, channel: Auto.
- **Default channel (USA area):** 36,40,44,48 or 149,153,157, 161. Four channels will be opened at the same time, system will automatically choose proper channel from them.
- **Default channel (European area):** 36,40,44,48.
- **Default channel (China):** 149,153,157,161.
- **Password**: Click in the input filed to fill out the appropriate password with length of **8 characters.**

To edit or change the Guest or Staff network SSID, please click "Next step." This information will be displayed on the iShareX home screen.

Wireless network						
1.Device name			2.Mode selection		3.Network settings	4.SSID setting
GUEST network SSID	iShare X100-8192					
STAFF network SSID	Staff SSID					
		Previo	bus		Submit settings	

Please select the "Submit settings" option to complete the configuration process. The dongle must be re-pairing with the base unit.

There are three ways of connecting the base unit to the Internet through "Wireless Direct Mode."

- **Connected dual network:** This option enables the device to connect to the Internet.
- **Disable Internet access:** This option prevents the device from connecting to the



Internet. This is a safety feature that should be used when necessary.

reless network					
1.Device name		2.Mode selection		3.Network settings	4.SSID setting
0			•		
<u>(1</u>)	~		(<u>[]</u>) 🛫		
Connected du	al network	Disat	le internet access		
-					
SSID discovery and connection	Yes				•
Frequency	5GHz				•
Channel	36				•
Password					2
	Pr	evious		Next step	

11.2.2 Wireless Infrastructure mode



In this "wireless networking mode," also known as "wireless-bridge mode," the iShare X100 host will be wirelessly bridged to other 2.4GHz or 5GHz wireless hotspots in the organization's network through the wireless interface. The iShare X100 host will establish a wireless bridge to other 2.4GHz or 5GHz wireless hotspots in the organization's network via the wireless interface. Please note that in this mode, all dongles and other personal devices are unable to connect directly to the iShare X100 host through the wireless interface. **Dual Network Configuration**

In "Wireless Networking Mode", there are two different wireless bridge settings for the iShare X100 base unit and dongle.

"Dongle connects to base unit via wireless network connection": iShare X100 and the dongle are wirelessly bridged to the same wireless hotspot on the organization's network.



Wireless network						
1.Device name		2.Mode selection	3	3.Network settinį	gs	4.SSID setting
O Dongle connects to base un	nit via wireless network	Dongle conner	ts to base unit via LAN			
	5GHz ONLY					
Select SSID	Nothing selected		- F	Rescan list	C Getting list	
Password	Password			Ø	8	
	Previous		Next step			

- **Select 5G:** Only 5GHz wireless hotspots within the organization's network are displayed.
- **SSID Setting:** Select the SSID you wish to connect to from the list.
- Please enter the password of the SSID you want to connect to, and then click the blank space, the system will automatically help you to complete the password authentication process.

After submitting successfully, please re-pair dongle with base unit.

"Dongle connects to base unit via LAN.": iShare X100 and the dongle are wirelessly bridged to the different wireless hotspot on the organization's network.

Wireless network						
1.Device name		2.Mode selection	3.Network setti	ngs	4.S	
Dongle connects to base u	iii , nit via wireless network	Dongle connects to base	unit via LAN			
	5GHz ONLY			•		
Select SSID	Nothing selected		 Rescan list 	Getting list		
Password	Password		Ś	8		
Select dongle SSID	Nothing selected		 Rescan list 	힝 Getting list		
Password	Password		Ø	8		
	Previous		Next step			

- Select 5G: Only 5GHz wireless hotspots within the organization's network are displayed.
- SSID Setting: Select the SSID you wish to connect to from the list.
- Please enter the password of the SSID you want to connect to, and then click the blank space, the system will automatically help you to complete the password authentication process.



After submitting successfully, please re-pair dongle with base unit.

11.2.3 LAN Infrastructure Mode

In this "Wired Networking Mode," also known as "Wired-bridge Mode," the iShare X100 host bridges to the organization's network over the wired network, and the dongle must bridge wirelessly to a 2.4GHz or 5GHz wireless hotspot within the organization's network.

In Wired-bridge mode, the iShare X100 host bridges to the organization's network over the wired network, and the dongle must bridge to a 2.4GHz or 5GHz wireless hotspot on the organization's network. In this mode, the wireless interface of the iShare X100 host is disabled (as shown below).

Wireless network					
1.Device name		2.Mode selection	3.Network se	ttings	
Wireless di	, , rect mode	Wireless infrast	ructure mode	LAN infra	O D structure mode
	Pr	evious	Ne	xt step	

Click "Next step" to choose a LAN network which is used for the company staff users and pair the dongle into this network.

Wireless network						
1.Device	name	2.Mode selection	3.Network se	ttings	4.SSID setting	
	5GHz ONLY					
Select ssid	Nothing selected		👻 Rescan list	🕒 Getting list		
Password	Password		Q	8		
		Previous	Next step			

Click "Next step" to edit or change Guest network SSID and Staff network SSID.

After submitting successfully, please re-pair dongle with base unit.

11.2.4 Ethernet

Set up the LAN connection details.



Network settings	^	LAN	
Wireless network		DHCP	Enable
Ethernet		IP address	192.168.31.239
Auto change password			
🖵 Display & Audio	~	Mask	255,255.255.0
Moderator control	~	Gateway	192.168.31.1
System settings	~	DNS1	192.168.31.1
Security settings	~	DNS2	0.0.0
🛓 Firmware upgrade	~	MAC	1E:30.6D:E1:1E:03
Other settings	~		Confirm settings
About device	~		

11.3 Auto change password

On the left side of the Administration page, in the "Settings Menu", click "Change Password Automatically" in the "Network Settings".

This "Change Password Automatically" setting page allows the system to automatically change the WIFI password of the host at regular intervals. Please select "Interval" from the drop-down menu to enable the automatic password change mechanism (as shown below), the default setting is "Never".

Network settings	^	Auto change password	
Wireless network			
Ethernet		Auto change password	Never •
Auto change password			Never 5 minutes
🖵 Display & Audio	~		30 minutes 1 hour
🕀 Moderator control	~		2 hour 4 hour
System settings	~		24 hour
Security settings	~		
1 Firmware upgrade	~		
Other settings	~		
 About device 	~		

11.4 Display & Audio

HDMI Resolution

Select the resolution at HDMI output of Base-unit. Existing HDMI output resolution as below:

- Auto
- 3840x2160 @30Hz
- 3840x2160 @60Hz
- 3840x2160 @50Hz



- 1920x1080 @60Hz
- 1920x1080 @50Hz
- 1920x1080 @30Hz

🗢 Network settings	~	HDMI resolution HDMI CEC	
🖵 Display & Audio	^	HDMI resolution	3840x2160@60 -
HDMI			Auto
Audio			3840x2160@60
1000			3840x2160@50
Airplay screen quality			3840x2160@30
			1920x1080@60
Start screen			1920x1080@50
			1280x800@60
Home screen background image			1280x720@60
Moderator control	~		1280x720@50
System settings	~		
Security settings	~		
▲ Firmware upgrade	~		
Other settings	~		
 About device 	~		

HDMI CEC

Base unit support CEC function if the connected display support CEC function.

- Monitor auto power off: When the base is in standby mode, it will send commands via the HDMI cable to put the connected monitor into standby mode as well. If the "Device auto power-off" setting is disabled, no commands will be sent to put the connected monitor into standby mode. When the base unit is powered off, the display will not automatically turn off.
- Auto turn off base unit when display turned off: When the monitor is placed in standby mode, it will send commands via the HDMI cable to put the connected base unit into standby mode as well. The option menu allows the user to enable or disable the "Base unit auto power-off" function.

Network settings	~	HDMI resolution HDMI CEC		
🖵 Display & Audio	^	Control Base by the display	OFF	•
HDMI		Control Display by Base	OFF	
Audio				
Airplay screen quality				
Start screen				
Home screen background image				
Moderator control	~			
System settings	~			
Security settings	~			
1 Firmware upgrade	~			
Other settings	~			
 About device 	*			

11.5 Audio

Choose audio output:

- Jack: iShare X100 audio output to 3.5mm mini-jack audio.
- HDMI: iShare X100 audio output only HDMI audio.
- Jack & HDMI (Default): iShare X100 audio output Jack & HDMI audio

	~	Audio output Audio volume	
🖵 Display & Audio	^	Audio output	Jack & HDMI
HDMI Audio			Jack HDMI Jack & HDMI
Start screen Home screen background image	2		
Moderator control	~		
System settings	~		
Security settings	~		
1 Firmware upgrade	~		
Other settings	~		
 About device 	~		

Volume

User can select volume of display from 0 to 100.

🗢 Network settings	~	Audio output Audio volume	
🖵 Display & Audio	^	Audio volume	
HDMI			
Audio			
Airplay screen quality			
Start screen			
Home screen background image			
Moderator control	~		
System settings	~		
Security settings	~		
🛓 Firmware upgrade	~		
Other settings	~		
About device	~		

11.6 Airplay screen quality



The "AirPlay Quality" setting page allows users to adjust the output resolution when projecting via AirPlay, please select the "Resolution" that suits your needs from the drop-down menu (as shown below), the default setting is "High (1920x1080)".

	*	Airplay screen quality
🖵 Display & Audio	^	Airplay screen quality
HDMI Audio		HIGH (1920x1080) HIGH (1920x1080) MEDIUM (1600x900)
Airplay screen quality Start screen		LOW (1280x720)
Home screen background image	9	
Moderator control	~	
System settings	~	
Security settings	~	
▲ Firmware upgrade	~	
↔ Other settings	~	
About device	~	

Screen display ID

This Start Screen setting page enables you to add the information displayed on iShare X100 screen (the default setting is as shown below).

	~	Start screen
🖵 Display & Audio	^	
HDMI		 Show the base device name and password when mirroring Show PC's user name when mirroring
Audio		\Box Hide IP when using a background image other than the default one.
Airplay screen quality Start screen Home screen background image		 Hide SSID and password Hide IP Hide HOME function icon Hide time
Moderator control	~	
System settings	~	
Security settings	~	
🛓 Firmware upgrade	~	
↔ Other settings	~	
About device	~	

Home Screen background image

The Wallpaper Settings page enables the user to change the default standby screen of the iShare X100 base unit, which is prepared and imported into your file according to the specified picture format and resolution.

 Display & Audio HDMI Audio Airplay screen quality Start screen Home screen background image Moderator control System settings System settings Firmware upgrade Other settings About device 	(lı	Network settings	~
HDMI Audio Airplay screen quality Start screen Home screen background image ♥ Moderator control ♥ System settings ● Security settings ♥ Firmware upgrade ♥ Other settings ● About device	Ļ	Display & Audio	^
Airplay screen quality Start screen Home screen background image ♥ Moderator control ♥ System settings ● Security settings ● Firmware upgrade ♥ Other settings ● About device	1	HDMI Audio	
Home screen background image ♥ Moderator control ♥ System settings ● Security settings ● Firmware upgrade ♥ Other settings ● About device	:	Airplay screen quality Start screen	
 Moderator control System settings Security settings Firmware upgrade Other settings About device 		Home screen backgrou	und image
 System settings Security settings Firmware upgrade Other settings About device 	\Leftrightarrow	Moderator control	~
 Get Security settings ✓ ✓<	٠	System settings	~
 ▲ Firmware upgrade ◆ Other settings ◆ About device 	•	Security settings	~
 ↔ Other settings ✓ About device ✓ 	<u>+</u>	Firmware upgrade	~
About device ✓	\Leftrightarrow	Other settings	~
•	0	About device	~

11.7 Moderator control

The "Moderator Control" setting page enables users to reveal the hidden sidebar on the iShare X100 homepage (as shown below), which is currently set to "Fully Hidden."

	~	Moderator control
🖵 Display & Audio	~	
Moderator control	^	Moderator sidebar: Large menu (show preview windows)
Moderator control		Hide side bar completely (including arrow)
System settings	~	Small menu (no preview windows)
	~	Large menu (snow preview windows)
🛓 Firmware upgrade	~	
Other settings	~	
About device	~	

Real time preview

Select the real time preview window will show real time preview.



PASS: 000090	670	00.34	Chare HX4
AirPlay	AirPlay Step 1: Connect to WiFi Step 2: Select "Screen Mirroring" or click AirPlay icon Step 3: Select this Device		
Miracast	Miracast Step 1: Connect to WiFi Step 2: Select "Cast" or "Smart View" function Step 3: Select this device		
剄	Chromecast Step 1: Connect to WIFI Step 2: Click "Menu" and select "Save and Share" Step 3: Select "Cast" and select the device ID of the IShare X		
	Windows PC Step 1: Press # + K Step 2: Click "Connect to wireless display" Step 3: Select this device		
	iShare X Dongles Step 1: Connect USB-C or HDMI/USB-A Dongle to Host device Step 2: The LED on the dongle will flash red whilat it is initiating Step 3: Press the "SHARE" button to cast when the LED turns solid red		
W/6 ID: 100 14			(i) infohi

11.8 System settings

11.8.1 Buttons

Button settings page allows you to get information about the Connected and Paired dongles on the iShare X100.

	~	Connected Paired						
🖵 Display & Audio	~							
Hoderator control	~						Search	
System settings	~	Device type	Mac address	Serial number	Device version	Status	Last action	Operate
				No mate	hing records found			
Buttons								
Date & Time								
Auto standby								
Language								
Reset								
Configuration file								
Talaat avitch								
Terriec switch								
Reboot								
Security settings	~							
🛓 Firmware upgrade	~							
Other settings	~							
About device	~							

Paired: Includes the device type, MAC address, serial number, version, device status, last operation time, and operation (projection) of the Button (as shown below).



	~	Connected Paired				
🖵 Display & Audio	~					
Moderator control	~	*Delete			Search	
+ System settings		Item ID	Device type	Mac address	Serial number	Operate
G System settings	^	0 1	HDMI Dongle 4k	c8:fe:0f:0d:29:ec	\$002409002	۵
Buttons		Showing 1 to 1 of 1 rows				
Date & Time						
Auto standby						
Language						
Reset						
Configuration file						
Telnet switch						
Reboot						
Security settings	~					
🛓 Firmware upgrade	~					
Other settings	~					
About device	~					

11.8.2 Date & Time

The "Date & Time" setting page allows users to change the "Date & Time" and "Time Zone" related settings of the iShare X100 base unit.

- Automatic date & time: Check to use a NTP time server to provide time as system time.
- **Set date**: Click in the input filed to fill out the appropriate date.
- Set time: Click in the input filed to fill out the appropriate time manually. The setting is not saved, when power is off.
- Select time zone: Click in the input filed to fill out the appropriate time zone.





	~	Date&Time Time zone	
🖵 Display & Audio	~	Time zone	(GMT-07:00) Pacific Daylight Time
I Moderator control	~		(GMT-11:00) Midway
+ System settings			(GMT-10:00) Hawaii-Aleutian Standard Time
System settings	^		(GMT-08:00) Alaska Daylight Time
Buttons			(GMT-07:00) Pacific Daylight Time
			(GMT-07:00) Tijuana
Date & Time			(GMT-07:00) Mountain Standard Time
Auto standby			(GMT-07:00) Chihuahua
Auto stanuby			(GMT-06:00) Mountain Daylight Time
Language			(GMT-06:00) Costa Rica
			(GMT-06:00) Mexico City
Reset			(GMT-06:00) Regina
Cardleurstine file			(GMT-05:00) Central Daylight Time
comguration me			(GMT-05:00) Bogota
Telnet switch			(GMT-04:00) Eastern Daylight Time
			(GMT-04:00) Caracas
Reboot			(GMT-04:00) Barbados
			(GMT-04:00) Manaus
Security settings	~		(GMT-03:00) Halifax
★ Firmware upgrade			(GMT-03:00) Santiago
······································	•		(GMT-03:00) Recife
Other settings	~		(GMT-03:00) Buenos Aires
			(GMT-03:00) Nuuk
 About device 	~		(GMT-03:00) Montevideo
			(GMT-02:30) St. John's
			(GMT-02:00) Sao Paulo
			(GMT-02:00) South Georgia

11.8.3 Auto standby

The "Standby Mode" setting page allows users to change the "Standby Mode" related settings of the iShare X100 Base Unit.

Please select the "Time Interval" from the following to activate the timer mechanism for the iShare X100 Base Unit to enter hibernation (power saving mode) (as shown below), the default setting is "Never".

	Auto standby	
🖵 Display & Audio 🗸 🗸	Autostandhu	20 minutes
Moderator control	Auto standby	so minutes
•		Never
System settings		1 minute
Buttons		5 minutes
		15 minutes
Date & Time		30 minutes
Auto standby		
Language		
Reset		
Configuration file		
Telnet switch		
Reboot		
Security settings		
▲ Firmware upgrade		
\oplus Other settings \checkmark		
 About device 		



11.8.4 Language

The "Language" setting page allows users to change the language of iShare X100 homepage and Web GUI page.

(ii	Network settings	*	Language		
Ģ	Display & Audio	~			
€	Moderator control	~	Start screen language	English (United States)	
•	System settings	^	Web-GUI language	English	
	Buttons				
	Date & Time				
	Auto standby				
	Language				
	Reset				
	Configuration file				
	Telnet switch				
	Reboot				
•	Security settings	~			
±	Firmware upgrade	~			
₽	Other settings	~			
0	About device	~			

11.8.5 Reset

The function of the "Reset device" is to restore all the system settings to the factory setting.

¢١	Network settings	~	Reset devices
- •	Display & Audio	~	Revert all settings to factory defaults
⊕ №	Moderator control	~	
ه ه	System settings	^	
В	uttons		
D	ate & Time		
A	uto standby		
Lá	anguage		
R	eset		
C	onfiguration file		
Te	elnet switch		
R	eboot		
<u>a</u> s	Security settings	~	
± F	Firmware upgrade	~	
⊕ (Other settings	~	
0 /	About device	~	



11.8.6 Configuration File

The configuration file is a packaged file that contains **all** the configuration parameters for the iShare X100. This file can be downloaded and copied to multiple devices that require the same configuration.

🗢 Network settings	~	Upload configuration	Download configuration
🖵 Display & Audio 💊	~	Uplead the configuration f	ile File same must be "config dat"
Moderator control	~	Select file	ile. File name must be conlig.dat .
 System settings 	^		
Buttons			
Date & Time			
Auto standby			
Language			
Reset			
Configuration file			
Telnet switch			
Reboot			
Security settings	~		
🛓 Firmware upgrade	~		
↔ Other settings	~		
About device	~		

11.8.7 Telnet Switch

Telnet Switch, to enable or disable Telnet.





11.8.8 Reboot

Set up the time of rebooting the device.

🗢 Network settings	~	Timing reboot
📮 Display & Audio	~	
Hoderator control	~	
System settings	~	🖬 Sunday 📓 Monday 📓 Tuesday 📓 Wednesday 📓 Friday 📓 Friday 📓 Saturday
Buttons		Reboot time 04:00
Date & Time		There may be an error between the device time and the network time. Please connect to the network before each use to automatically set the device time
Auto standby		Submit Reboot now
Language		
Reset		
Configuration file		
Telnet switch		
Reboot		
 Security settings 	~	
🛓 Firmware upgrade	~	
Other settings	~	
About device	~	

11.9 Security Settings

11.9.1 Security level

~	Security level						
~	#	Security item	level 1	O level 2	O level 3	O Oustomize	
~	1	Dynamic code: Change code every					
~	2	Encryption of Data: Proprietary					
^	3	Changing the code deletes all temporary data from base unit					
	4	"Airplay" PIN code					
	5	Telnet password					
	6	Encryption of Data: AES-256 Bit + RSA-1024Bit		\checkmark	\checkmark		
~	7	Password changing deletes and removes the data of the base unit		\checkmark	\checkmark		
~	8	"Miracast" PIN code		\checkmark	\checkmark		
~	9	Disable the android APK			\checkmark		
	10	Disable "Airplay"			\checkmark		
	11	Disable "Firmware Degrade"			\checkmark		
	12	Disable Miracast			\checkmark		
	13	Disable Win/Mac APP			\checkmark		
	14	Disable "Chromecast"					
	• • • •	 Security I # 2 3 4 5 6 7 8 9 10 11 12 13 14 	* # Security Izers # Security Izers # * * * # Security Izers # # Security Izers * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *		* Security level * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * </th <th>Particular Fourier Image: Constraint of the second of the</th>	Particular Fourier Image: Constraint of the second of the	

The iShareX menu allows users to set three different security levels, according to their specific requirements. This enables users to customize the security settings to align with the unique needs of their environment or security policies. The default setting is level 1.

Level 1: normal safety; keeps the security in normal and daily usage for any organization, such like classroom, regular meeting room etc.

Level 2: higher security; provides increased security for companies, organizations, government agencies, etc., through powerful encryption of audio and video data; other security features include limiting the transmission of "AirPlay" by introducing a password.

Level 3: is used for strict security requirements of companies, organizations, authorities, banks.

This level contains all "Level 2" security measures; in addition, all mobile applications, such as the Android APP as well as AirPlay are blocked, the web browser (Web UI) of the Baseunit is blocked. In addition, the downgrade of the firmware is not possible.

() for

The setting of the security level is displayed in the Home screen, click the icon more information.

11.9.2 Login Password

The default or reset password for logging into Web GUI is "admin". User also can change the password.



	~	Password setting	
🖵 Display & Audio	~		Cancel password
Moderator control	~	Current password	Enter current password
System settings	~	New password	Enter new password
Security settings	^	Confirm new password	Confirm new password
Security level Login password Connection password			Confirm settings
▲ Firmware upgrade	~		
\bigoplus Other settings	~		
About device	~		

11.9.3 Connection password

Two type of password format can be chosen to show on home screen. When set to "4-digit PIN": The new PIN will be "0000XXXX". When set to "8-digit Password": The new password will be "XXXXXXXXXX".

	~	Connection Password	
🖵 Display & Audio	~		
↔ Moderator control	~	Connection password	4-digits password, begining with 0000 4-digits password, begining with 0000
System settings	~		8-digits password
Security settings	^		
Security level			
Login password			
Connection password			
▲ Firmware upgrade	~		
↔ Other settings	~		
About device	~		

11.10 Firmware upgrade

11.10.1 Firmware update

Select the firmware file needs to be updated.





11.10.2 Automatic Upgrading

Tick to choose upgrading from OTA via Internet or from local files.



11.11 Other settings

11.11.1 Auto create launcher.

This feature allows the user to enable or disable the automatic transfer of data from the iShare X100 to the USB memory stick when the latter is connected to the iShare X100 base unit USB port.



	~	Auto create launcher
🖵 Display & Audio	~	
Moderator control	~	When connect the USB stick into base's either USB port, the launcher will be automatically saved to the USB stick.
System settings	~	Auto create launcher
Security settings	~	Enable
▲ Firmware upgrade	~	
↔ Other settings	^	
Auto create launcher		
Clear history after meeting		
Developer tools		
About device	~	

11.11.2 Clear history after meeting

The "Clear History After Meeting" setting page provides a mechanism to clear the internal memory of the iShare X100 base unit.

Decide by User – a dialog appears when dongle is pulled.

Never – storage space is automatically erased when memory is filled for 90% **Always** – automatically deleted.

ſ	🗢 Network settings	*	clear history after meeting		
0	🖵 Display & Audio	~	Clear history after meeting	Aluzare	1
ŀ	Moderator control	~	Decide by user: If choosing this option. When all connection	Decide by user	message to ask user whether clear the meeting history.
•	System settings	~	Never: When all device connection of base are disconnected, t	Never	
ŀ	Security settings	~	Always: When all device connection of base are disconnected,	the system will automatically clear the history without warning message.	
	🛓 Firmware upgrade	~			
	Other settings	^			
	Auto create launcher				
	Clear history after meeting				
	Developer tools				
ŀ	About device	~			
L		_			

11.11.3 Developer tools

By this feature, user can download system log for trouble shooting.

🗢 Network settings	~	Log
🖵 Display & Audio	~	Enable the maximum storage space for the system log, and automatically close it after 24 hours
↔ Moderator control	~	Download system log
System settings	~	
Security settings	~	
🛓 Firmware upgrade	~	
↔ Other settings	^	
Auto create launcher		
Clear history after meeting		
Developer tools		
About device	~	

11.12 About device

The About Device configuration page provides information about the iShare X100 Base Unit system, including Model Number, Firmware Version, Web Server Version, and Serial Number. Web Server Version" and "Serial Number".

(i;	Network settings	~	About device	
Ģ	Display & Audio	~	Madal approx	iChara V100
æ	Moderator control		Model name	IShare X100
V		*	Firmware version	3.1.6C.10.I1002
ø	System settings	~		
	, -		Web server version	1.21
	Security settings	~	Serial number of the base	\$002435002
				3002433002
1	Firmware upgrade	~		
-	Other settings			
\vee	other settings	~		
A	About device	~		
-				
Г	About device			