



Instructions

SIRUI IHS-X Series Intelligent Humidity Control and Safety Cabinet with Fingerprint Scanner

202003

Thank you for purchasing SIRUI Intelligent Humidity Control and Safety Cabinets.

Please read this manual before using.

Please check and confirm the following, before purchasing:

The four serial numbers on the main body of the cabinet, back of the cabinet, carton label and key identification card must be the same.

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1 Features

(1) Introduction of Product Use

The SIRUI Intelligent Humidity Control Cabinet can effectively prevent mildew, fogging, oxidation, corrosion, material deformation, and can reduce the possibility of fracture and failure of electronic devices, etc. The regulated environment of the SIRUI Cabinet helps extend the life and value of your most precious possessions.

- ※ Ideal for storing paintings and papers, including calligraphy, antiques, paper currencies, ancient books, fax paper, copy paper, printing paper, etc.
- ※ Ideal for storing optical & electronic devices, such as advanced lenses, photographic equipment, camcorders, computer items, cameras, lenses, microscopes, CDs, telescopes, film, videotapes, microfilms, Slides, etc.
- ※ Ideal for storing precision materials, such as gold/silver and other precious metals, non-metals, metal powder products, electrical equipment, semiconductors, condensers, printed circuit boards, tungsten wires, IC, batteries, etc.
- ※ Ideal for precision machinery equipment products such as crystals, precision measuring tools, optical lenses, monochromator, spectrometers, etc.

(2) Features

- ※ **Accurately and conveniently enter your password or fingerprint on the capacitive touch panel with sound and light notification.**
- ※ **Opening the door with a password or fingerprint avoids the inconvenience of a traditional key.**
- ※ **The humidity control and safety cabinet includes high precision temperature and humidity reading sensors.**
- ※ The password and fingerprint memory function will record even with a power failure.
- ※ High Alarm Warning. (The 90db audible alarm can be turned off by entering the correct password)
- ※ The cabinet has an LCD display and numeric control that connects to a precise, automatic electronic humidity control system, designed for long-term storage.
- ※ The high performance dehumidifying system is quick, high-efficiency, energy saving and non-polluting.
- ※ The internal design of the humidity control elements protects the components from damage and people from inadvertently touching it.
- ※ The cabinet door is solidly constructed with 6mm High-strength and Cold-rolled Steel with high-frequency argon arc precision welding process.
- ※ The SIRUI Intelligent Humidity Control Cabinet is not only moisture-proof but also anti-theft.
- ※ All the SIRUI Electronic Humidity Control Cabinets incorporate a Photocatalyst - a safe, powerful bacteriostatic antiseptic with antifungal, purifier and cleaning functions.
- ※ Download the SIRUI Smarter App or Scan the QR Code located inside the cabinet to pair the cabinet for remote control via the SIRUI Smarter App or the SIRUI Wechat Official Account.

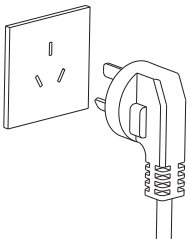
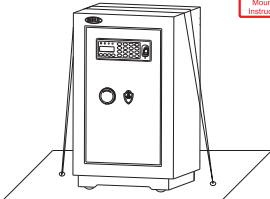
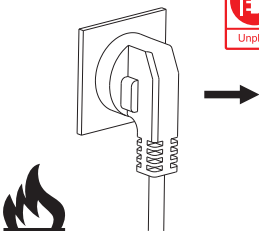
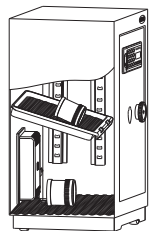
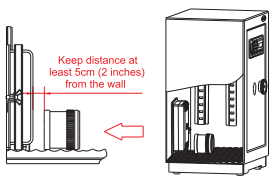
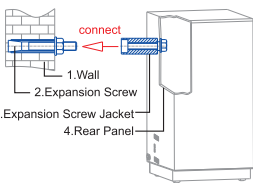
2 Safety Instructions

- ※ Please confirm the power supply is AC 110V~240V 50/60Hz before using.
- ※ Do not put your finger or stick alike into the grill on the back of the Cabinet.
- ※ Inexperienced people and children must use the cabinet under safe supervision and guidance.
- ※ Children should be supervised and should not play with or near the cabinet.
- ※ If the power cord is damaged, it must be replaced with an equivalent power cord. Contact the selling dealer or SIRUI for replacement parts.
- ※ The Intelligent Humidity Control and Safety Cabinet should be used near a good and safe WIFI network.
- ※ Do not damage the QR Code on the cabinet.

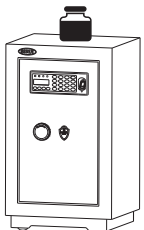

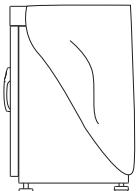
3 Safe Operation

Please use the cabinet correctly, to prevent damage to the product or harm to yourself.

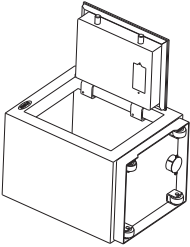

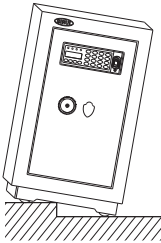

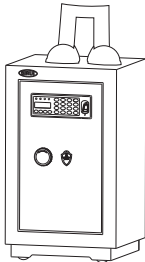

! Operating Instructions (Please follow the instructions to prevent damage to the product or harm to yourself.)

 <p>AC 110V~240V 50/60Hz</p> <p>Humidity control cabinet uses single phase alternating current AC 110V~240V 50/60Hz power source.</p> <p>Improper use of power source may cause fire or high temperature.</p>	 <p>The cabinet must be attached to the wall or a sturdy object if the cabinet will be placed on a high surface.</p> <p>To prevent the cabinet from falling and causing damage or personal injury.</p>	 <p>If there is any abnormal running or smell, please pull out the power plug immediately.</p> <p>Fire or electric shock may occur.</p>
 <p>Excessive force on the shelves may cause the shelves and stored objects to fall and possibly become damaged.</p>	 <p>Keep the goods inside the cabinet at least 5cm (2 inches) away from the Humidity Control Component.</p> <p>For proper air circulation and heat release.</p>	 <p>Attach the cabinet onto the wall with Expansion Screw.</p> <p>To prevent the cabinet from tipping over.</p>

! Warning! (Follow the instructions to prevent serious harm or damage.)

 <p>Do not place containers with liquid on top of the cabinet.</p> <p>Condensation or spills may cause a short circuit, fire or electrical shock.</p>	 <p>Do not put flammable and explosive things into the cabinet.</p> <p>This may cause a fire or personal injury.</p>	 <p>Do not cover the vents behind the cabinet.</p> <p>Which may cause heat buildup and possible product failure.</p>
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Warning! (Follow the instructions to prevent serious harm or damage.)

  <p>Warning</p>	  <p>Warning</p>	  <p>Warning</p>
Do not place cabinet upside down.	Do not put the cabinet on an unsteady or uneven place.	Do not put objects on top of the cabinet or step on the cabinet.
This may cause damage to the cabinet or personal injury.	This may weaken the cabinet dehumidifying function or cause personal injury.	This may damage the cabinet and/or cause personal injury.


4 Operation

(1) Appearance

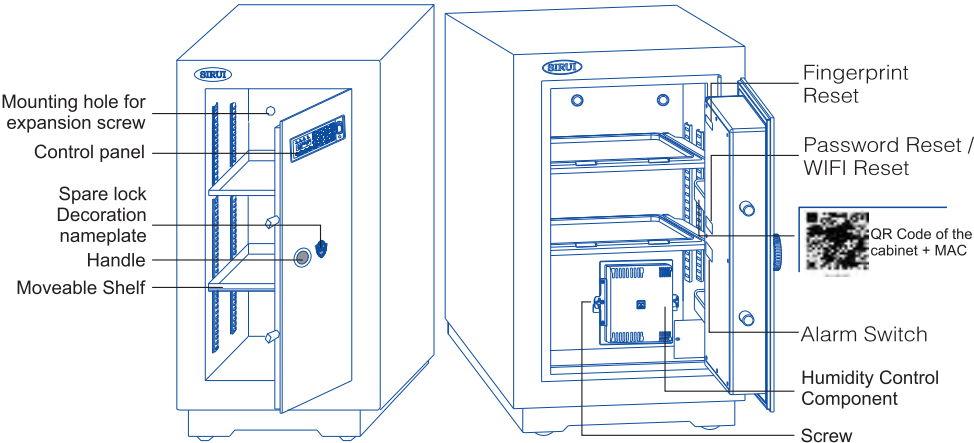
The following picture is only an example for instructional purposes. The actual appearance of your cabinet may be different from the picture.

Caution

Start and Run the cabinet for 4 hours before placing items in the cabinet.
Tolerance range of the humidity control is +/- 5% RH
Factory pre-set of the cabinet internal humidity is 25%RH



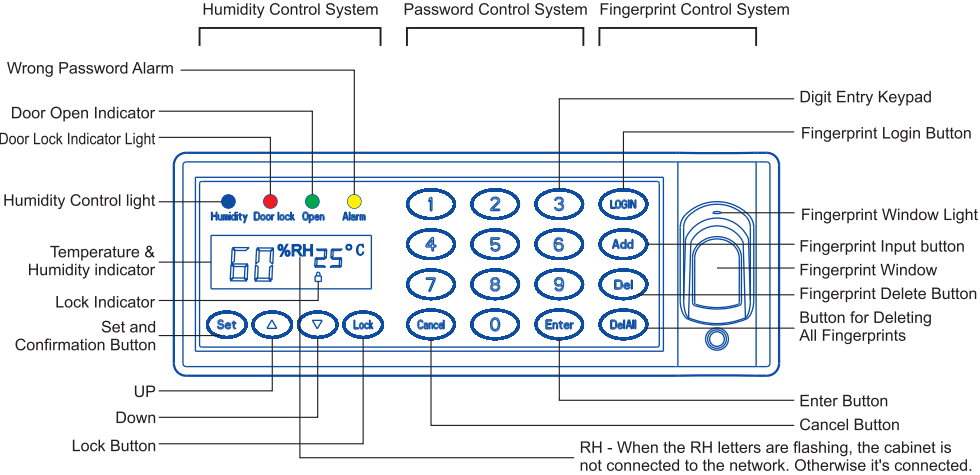
The Serial Number locates on the back of the cabinet.



Caution

The QR code of the cabinet is very important, keep it properly and do not disclose to any other person.

(2) System Control



(3) Control Panel Functions

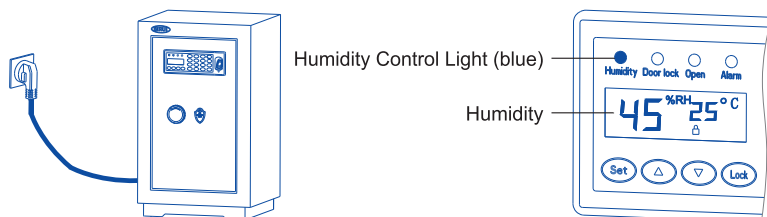
Name	Function Descriptions
Humidity Control Light	Humidity Control Light (Blue) will flash when the Humidity Cabinet is working.
Door Lock Indicator Light	The Lock Indicator Light (Red) will flash when the cabinet door is open or unlocked.
Door Open Indicator Light	Door Open Indicator Light (Green) will flash when you enter the right password or login with the right fingerprint.
Password Error Alarm	If you enter the wrong password three times, login with the wrong fingerprint the Indicator Light (Yellow) will flash.
Humidity and Temperature display	Shows % of humidity and temperature in °C or °F
SET/Confirm Button	Push to view the current humidity setting, adjust the setting and confirm operating status.
▲or▼button	To adjust the humidity setting, press ▲ or ▼ to increase or decrease. (1) Press ▲ button and hold over 5 seconds, the cabinet will beep and C3 will appear on the LCD, the cabinet enters into Humidity Adjusting Mode. Press digital 1 to enter into Network Intensity Testing Mode: The left big digitals are from 1~6, suggest to set above 4. The right is the compatible actual strength - db value, suggest to set during 40~70, less value would be better. Press digital 2 to enter the cabinet Network Status Display Mode: C1~6, E1~6 (please check the instructions for cabinet network status). Press digital 3, reset WIFI mode. When the network is abnormal, it should be reset by manual. (2) Press ▲ button again for exiting the adjusting mode. Normally the modes are set and don't need to adjust as the steps (1) and (2).
Lock button	Pressing LOCK for 2 seconds will unlock the humidity setting.
Digit Entry Keypad	Enter a new password within 6 to 12 digits.
Enter Button	After you input the password, press this button to confirm the password and the system will automatically save the password.
Cancel Button	When you input the wrong password, please press the Cancel Button and input the correct password.
Fingerprint Login Button	Press this Keypad with your saved fingerprint to unlock the door.
Fingerprint Window Light	When you Login, add or delete a fingerprint, the light (Blue) will turn on.
Fingerprint Input Button	You can add a new fingerprint by pressing this button.
Fingerprint Delete Button	You can delete a fingerprint by putting the fingerprint that you want to delete on the Fingerprint Window and pressing the Fingerprint Delete Button.
Delete All Button	Press the Fingerprint Reset Button that is on the inside of the door, then press the Delete All Button to delete all of the saved fingerprints.
Photocatalyst Indicator Light	The Photocatalyst Indicator Light is inside the dehumidifying main engine. The blue light will be appeared when the power is on. It will be off after 1 hour and on again after 11 hour as a circulation.

5 Operation Method

(1) Operation method for Humidity Control System

① Humidity setting


When you use the equipped power cord with 110V~220V, the system will scan automatically. After 30 seconds, the system will go into Power Saving Mode. Please refer to "Object Storage Humidity Reference Table"(Page 11) to find the corresponding humidity you want (the factory setting of the cabinet is 25% RH).



Unlock the display by pressing any button on the control panel and pressing the "LOCK" button for 2 seconds. Set your desired humidity by pressing the "SET" button first (the current humidity number will be flashing), then press the "▲" / "▼" button to make this number increase/decrease. (The number will keep increasing/decreasing until you release the "▲" / "▼" button). Press "SET" again, when you have the number you want. Now the humidity you set is recorded and the system is automatically back to normal operational mode.

Note: humidity control range is 25%RH~65%RH; humidity display range is 20%RH~99%RH; humidity metering error range is $\pm 5\%$ RH.

② Keypad Lockout Function

The system will become self-locking if there's no activity on the keyboard for 10 seconds ( signs appear). This means that any operation (like pressing "▲" or "▼", "SET") will not function.

③ Unlock the keypad

Press the "LOCK" button for 2 seconds and the  sign disappears. You can then control the "▲" or "▼", "SET" buttons.

④ Internal lighting and door locking indication

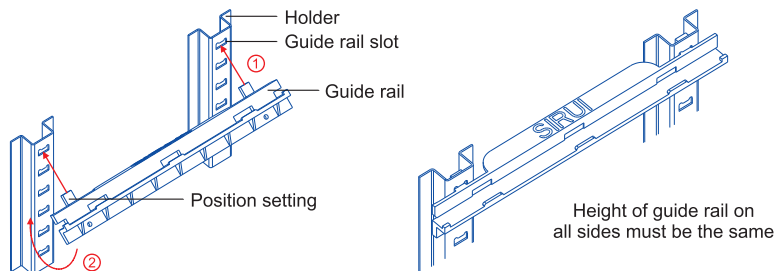
When you open the door, the interior cabinet light will go on and the Lock Indicator Light on the Control Panel will light to indicate that the door is open. When closed, the Lock Indicator Light will go off and the door will lock.

⑤ Activate the LCD's backlight

The LCD screen backlight and keypad illumination function turns on when you press any button on control panel in normal working mode. The light will turn off after 30 seconds.

⑥ Shelf setting

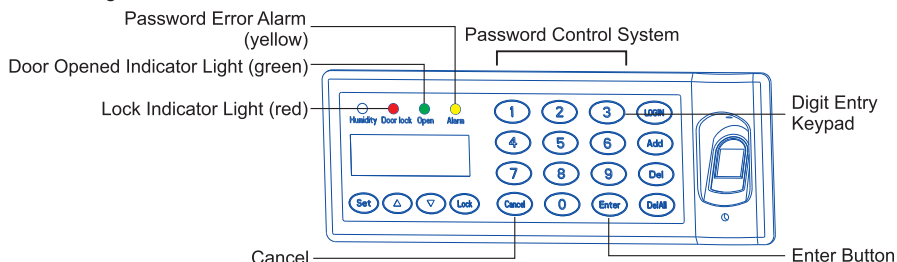
- ✗ Please do not touch the internal humidity control component when setting up the shelf and guide rail system.
- ✗ The guide rail must be set on the same slot height to ensure that the shelf is horizontal.



(2) Security with Electronic Password and Door Operation

① Setup - first use

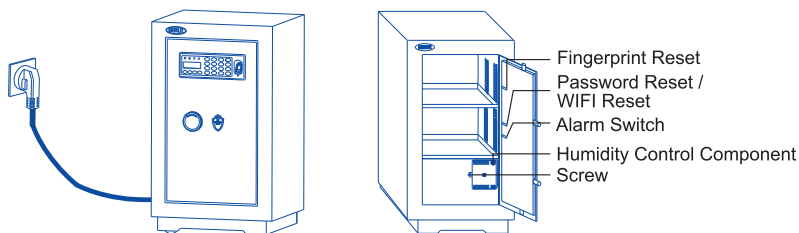
- ※ Please plug the equipped power cord into a power source with voltage of 110V to 220V to provide power for operating the panel and security system when you try to open the door for the first time. The system will scan automatically and 30 seconds later, convert to the power saving mode.
- ※ Press any key on the operation panel to activate the screen. Input the initial password 000000, then press "Enter" for confirmation. The indicator light (green light) will flash and beep twice. Next, the green light will light up for only 4 seconds. You should open the door by turning the handle clockwise in this 4 seconds.



② Set or Revise Password

When the door opens, press the button "Password Reset/WIFI Reset" at the side of the door back plate 1 to 2 seconds and release it, then the green indicator light will light up and beep once. Next, input new password (6 to 12 digits) on the operation panel and press "Enter" to confirm the new password. After that, the green light will flash once along with a sound of "beep" and light up again, then input the new password again. If the two password are consistent, the green light will flash and beep twice, and the password setting is completed. If the two password are inconsistent, the red light will flash and the password setting is failed. (Please repeat the above operation to reset password.)

Note: When you press the "Password Reset / WIFI Reset" button 1~2 seconds and release, the cabinet will beep and enter Password Reset mode. When you press and hold the "Password Reset / WIFI Reset" button over 5 seconds, the cabinet will beep and enter WIFI connecting mode.



③ Normal operation

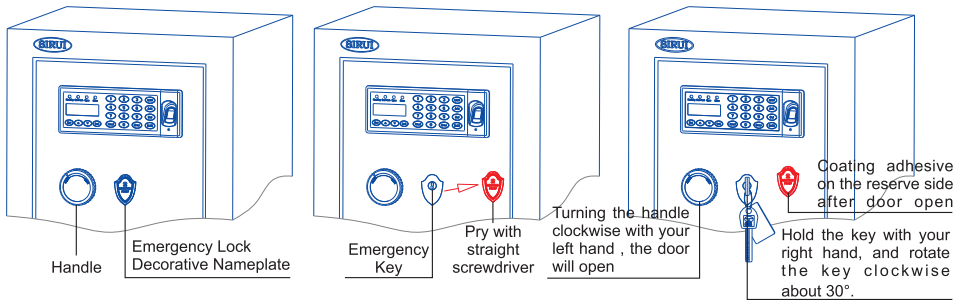
Open the door: Press any key to activate the screen. Input your password and press "Enter" (if you make any entry error, press "Cancel" to delete the wrong password and input the right one). The green light will flash and beep twice. Next, the green light will be shining for 4 seconds only. Open the door by turning the handle clockwise in this 4 seconds.

Finally, close the door by turning the handle counter-clockwise to its limit.

④ Open the door for emergency

Open the door with the emergency key if you forget the password or cannot open it due to improper use. The emergency lock is hidden behind the decorative nameplate. Pry the nameplate off and take the key. Insert the key with your right hand and turn clockwise about 30° while turning the handle clockwise about 1/4 turn with your left hand. Once the door is opened, proceed to password reset then put the key and nameplate back into position.

As shown in the below figures:



⑤ Alarm Function

- ✗ The alarm will turn on if any bump or movement happens to the cabinet after the door is closed for more than 1 minute.
- ✗ The audible alarm will turn on when you enter the wrong password or login fingerprint 3 times in succession.
- ✗ The 90db audible alarm will turn on for 1 minute and can be turned off by entering the correct password.
- ✗ Turn off the alarm by turning down the " Alarm Switch " that locates on the side plate behind the door.

⑥ Secure the cabinet emergency keys in a safe place and take care not to store these in the cabinet.



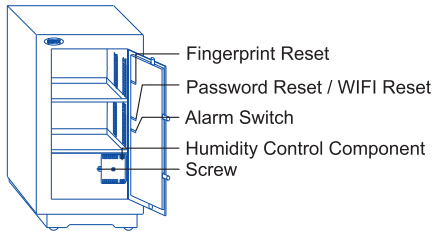
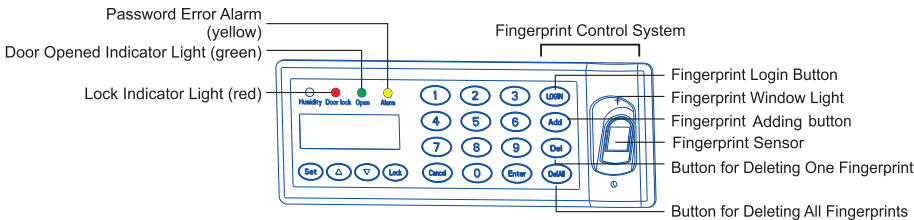
Attention

Never put the emergency key into the cabinet for storage.

(3) Operation Method for Fingerprint Scanner System to Open the Door

① Delete the Fingerprint Set

With the door open (please refer to 5.2 to open the door with digital password), press the “Fingerprint Reset” button once which locates at one of the rear sides of the door, and the green light will flash for 4 seconds and beep once. Next, press the “DelAll” button on the panel to clear all fingerprints. After three to five seconds, the green light will flash and beep twice to confirm when all fingerprints cleared. If the red light flashes, please repeat the above steps to delete the fingerprint set.



② Add Fingerprint

When the door is open, press the button “Add” and it will beep once. Touch the fingerprint sensor with one of your fingers and press it within 4 seconds. Now, the green light will flash once, which means the fingerprint identification is successful for the first time. Then raise your finger immediately touch the fingerprint sensor again with the same finger for second identification. Release your finger when the green light flashes again.
(Note: Touching the fingerprint sensor with one of your fingers 2x will improve the identification accuracy.) The green light will flash and beep twice if successful. Now, the first fingerprint is added. If not, the red light will flash twice. Repeat the above steps to add fingerprints of up to 128.

③ Open or Close the Door with Fingerprint

Door Unlocking with Fingerprint: Press any button on the panel to activate the screen. Press the “login” button and touch the fingerprint sensor with the registered finger in 4 seconds, onto the same position with same strength just as you did to add fingerprints. The green light will flash and beep twice to confirm then will keep shining for 4 seconds. Open the door by turning the knob clockwise within the 4 seconds.
Door Locking: With the door closed, turn the knob counter-clockwise to its limit.

④ Delete Fingerprint

※ Delete a single fingerprint: With the door open, press the “del” button while touching the fingerprint sensor with the registered finger (onto the same position with same strength just as you did to add fingerprints). The green light will flash and beep twice to confirm. Otherwise, the red light will flash.



Attention

Keep the fingerprint sensor dry from water and oil when adding or logging in with your fingerprint.
The registered fingers can not be re-added.

(4) Instructions on Cabinet Remote Control

Remotely control the cabinet via the SIRUI Smarter App or the SIRUI Wechat Official Account.



Caution

The IHS-X Serial Intelligent Humidity Control and Safety Cabinet has built-in wireless capability, the working frequency is 2.4GHz. Please set up the IHS-X Serial Intelligent Humidity Control and Safety Cabinet in an area where there is a strong wireless signal for proper functionality.

① Remote Control with SIRUI APP.

a. Download the SIRUI APP

Please scan the QR Code or access the website below to download the SIRUI APP.
<https://device.sirui.com/app/download.html>

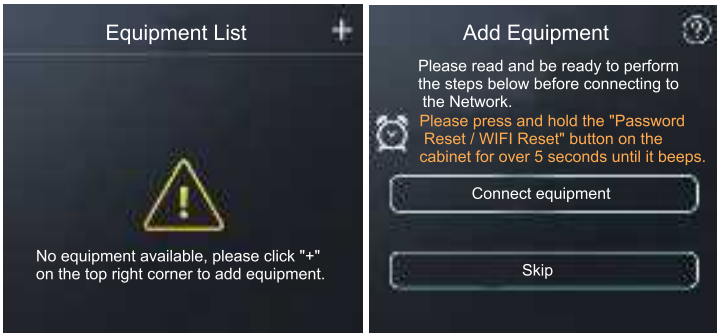
(Note: Please register a new account before logging into the APP for the first time.)



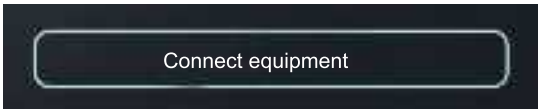
Note: The QR Code and APP will be updated according to different versions of the product, please use the required one for your cabinet.

② Instructions on the SIRUI App

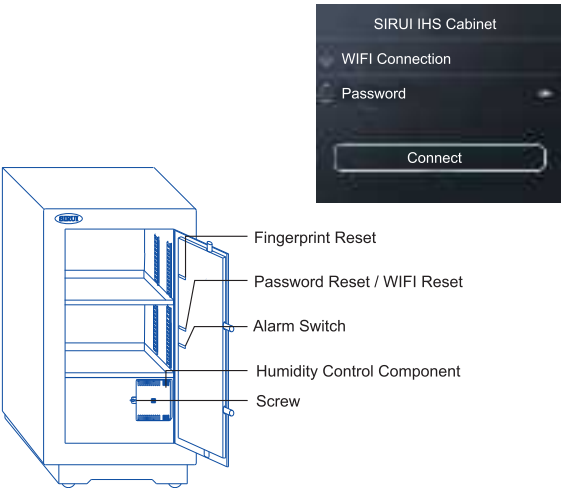
- a. Enter the APP to automatically access the "Equipment List" interface. Click "+" on the top right to add your equipment.




- b. Click "Connect equipment" for connecting the cabinet to the WIFI for the first time.



- c. When entered into the network connection interface as shown in the figure below, the App will automatically access the WIFI where your mobile phone connected at the moment, then input the router's password. When connecting the cabinet to the network for the first time, press and hold the "Password Reset/WIFT Reset" button for 5 seconds until it beeps once and LCD shows "C3", then the cabinet will proceed to network connection (Note: please connect the cabinet to the WIFI within two minutes when the network connection activated. Otherwise, the cabinet system will run without network.). Tap the "Connect" and the cabinet will connect to the WIFI router a few seconds later.



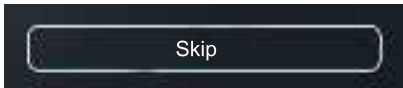
If connecting the network over time, please reset and connect the network as step c.

d. After the WIFI is connected, the SIRUI IHS cabinet will be added to the "Equipment List". Click the SIRUI cabinet to enter the operation interface. (Click the icon "  " on the right to modify the cabinet name as desired.If the cabinet name is in blue, the WIFI is connected.If it's grey, the WIFI is not connected.) If the cabinet is not connected, please repeat the above steps to connect to the WIFI or check the router for issues.



B. To operate on a different mobile phone.

If the Intelligent Humidity Control Cabinet is connected to the WIFI, and you need to operate it from a different mobile phone, tap the "Skip" icon to activate the Scan mode.Scan the QR code located inside the cabinet to pair the cabinet and add it to the Equipment list on the APP.



C. Interface for Cabinet Operation




a. Door Open Records, Door Close Records and Alarm Records

Select the three icons respectively on the interface above to review the respective records. SIRUI's server will maintain the activity records in the last 30 days. If unlocking the cabinet with 3 wrong passwords, you will receive an alarm message when entering the App.

b. Locked

When the cabinet is locked by the APP, the cabinet can only be opened with its key and cannot be opened with password or fingerprint methods.

**Caution**

① When the cabinet is locked by the App, it will be locked 8 to 10 hours and automatically unlocked after that.

② If the cabinet is locked by the App, other unlocking methods are useless. In addition, when the cabinet is locked by the App and it is unable to connect network, it is incapable of unlocking the cabinet on the App, with password or fingerprint sensor. In this case, it is necessary to reconnect network and then unlock the cabinet on the App, or to open the cabinet with the emergency key.

c. Unlock

Unlock the cabinet with the APP, password or fingerprint reader.

d. Remote Door Opening Control

Click the "Door Control" icon on the APP, a password box will pop up. Enter the password to open the cabinet via remote control.

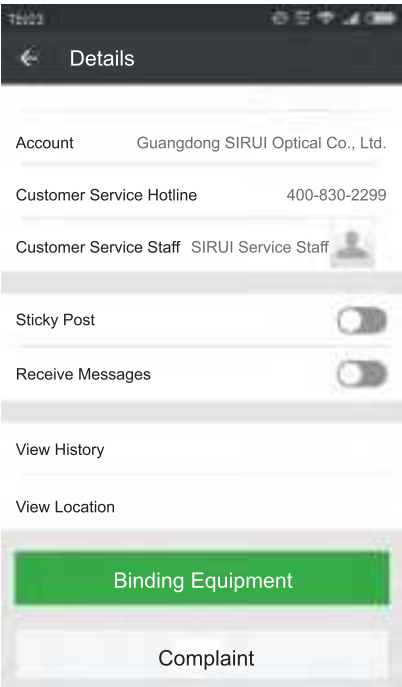
e. Humidity Setting

Click the "Humidity Setting" icon for adjusting the humidity of the cabinet.

② Remote Control with SIRUI Wechat Public Account

a. Enter the Wechat to activate the "Scan".

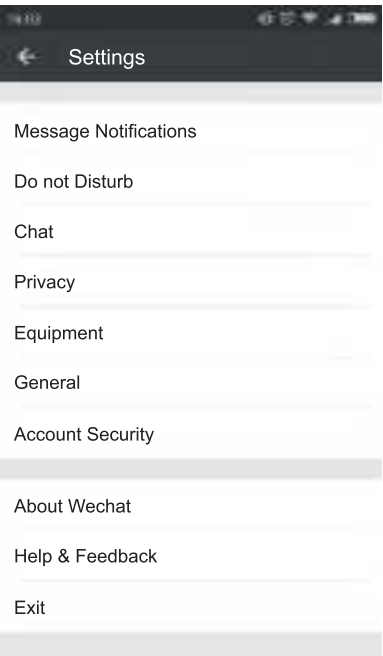
b. Scan the QR Code located inside the cabinet and click "Binding Equipment".



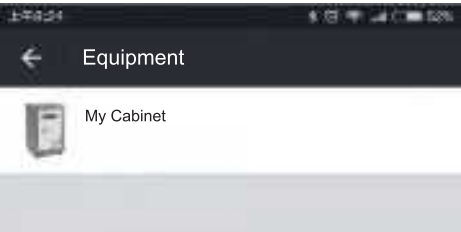
c. Successfully added the SIRUI Wechat Official Account



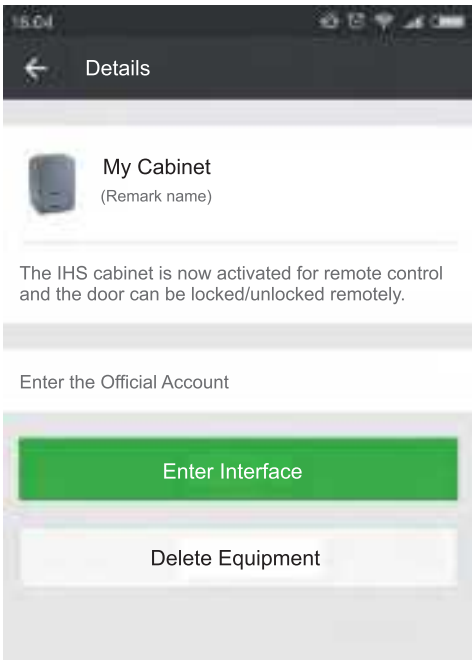
d. Enter the Wechat main interface, Select "Me" to enter into "Settings", and the menu will show as below.



e. Click "Equipment" to enter the interface below.

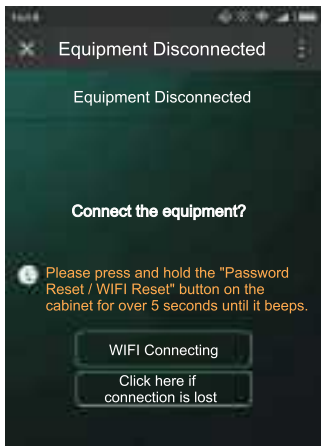


f. Click "My Cabinet" to enter the interface below.



g. Equipment name can be changed on the above interface. Click "Enter Interface".
(Note: The name changed for the equipment is only valid when Wechat is logged in with the same mobile phone.)

h. If the equipment is not connected to the network, the interface will show as follows.



- i. Click "Connect" on the WIFI Connection interface to connect the cabinet to the WIFI. The WIFI name will be the router name that the current mobile phone connected to. Enter the password of the router selected for connection.

Note: This Interface is subject to change without notice.
"Click here if connection is lost" will refresh the interface, This can be ignored in most situations.



- j. After the WIFI password is entered on the Wechat interface above, press and hold the "Password Reset / WIFI Reset" button on the cabinet for over 5 seconds until it beeps and the LCD shows C3, the cabinet is ready for connecting to the WIFI. Press "connect" on the Wechat interface to enter the "Operation" interface as below (operation method is same as shown for the APP).

Note: The Wechat wireless network connecting steps are similar to the APP. Please review the details for the APP connection. Some mobile phones may not have the ability to connect the network via Wechat, so the APP may be the only option.

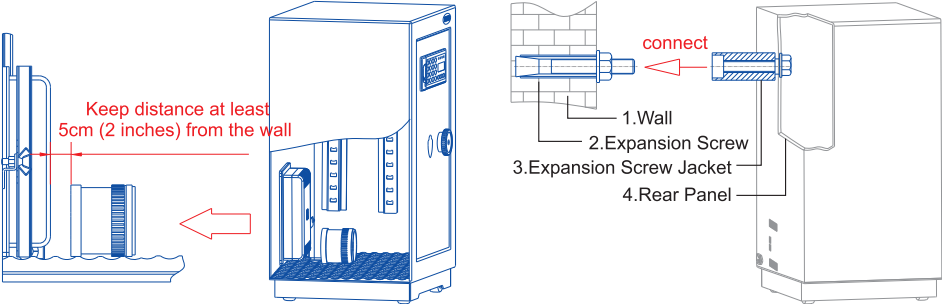


Click to reconnect the network.

- k. Alarm Notification from Wechat, due to the limitation of communication, Wechat can not receive the alarm message, but the alarm records can be reviewed after entering the Wechat interface.

6 Caution

1. Do not touch the power plug with wet hands, otherwise it may cause personal harm.
2. If the power cord is aged, broken, loose, or unusually hot, please replace it immediately to avoid fire.
3. When the cabinet is maintained, cleaned or moved, please turn off the power. Please pull out the power plug if the cabinet will not be used for a long time.
4. Do not put corrosive products like chemicals, flammable or explosive items into the cabinet, otherwise it may cause a fire or explosion.
5. Do not clean the cabinet with water. This may damage the electronics and cause a potential shock or fire hazard.
6. Make sure the items inside the cabinet are about 5cm away from the Humidity Control Component so that the system can be properly ventilated and heat can be dispersed.
7. Attach the cabinet onto the wall with Expansion Screw (M10) as the following figures shown.

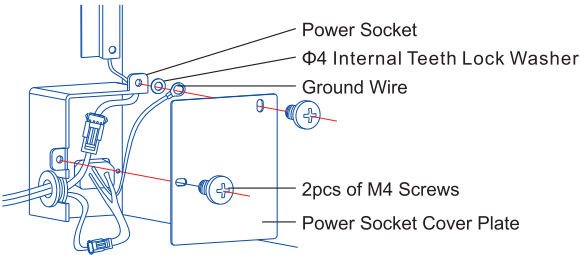


7 Possible problems and trouble shooting

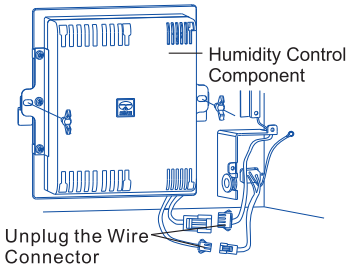
Problem	Possible reason	Solution
Still doesn't work when turned on	Is Power cord plugged in properly?	Make sure power supply and plug are in good condition and fully plugged into the outlet.
Humidity is not going to desired level	Does the article contain too much moisture?	Dry the article with fan before putting it in the cabinet.
	Inappropriate humidity setting.	Refer to the humidity recommendation for your article and set the proper one.
	Internal humidity is much higher than outside environment.	Set the internal humidity lower than outside environment.
	Opening or closing the door too often.	Reduce the number of times and length of time the door is opened.
	Too crowded inside - affects its humidity absorbing convection function.	Rearrange the inner articles to allow sufficient airflow or remove some articles.
	Locating place : a. High heat from a nearby oven or other heat generating equipment may affect efficiency. b. The blowing from the air outlet of the air conditioner, fan or other equipment may affect air convection.	Stay away from places with high temperatures and strong air flow,
Cannot open the door with password	Alarm light indicates wrong password entered.	Check and Re-enter password.
Cannot open the door with fingerprint	There is water, sweat or oil on your hand.	Clean your hand.
	There is water, sweat or oil on your fingerprint.	Clean your fingerprint.
Can not connect to WIFI	The cabinet may be too far away from the router, and the signal may be blocked or disturbed by the electromagnetism.	Move the cabinet closely to the router, press the ▲ button to check the signal strength according to the operation instructions.
The door can not be opened with Password or Fingerprints	The APP may be locked.	Open the APP, press the "unlock" button and try to open the door with password and fingerprint again.

When the Humidity Control Component is not working, please remove the Component as follows (the power must be shut off first):

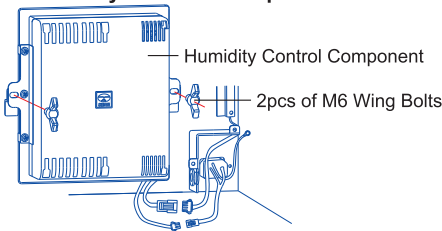
1.Unscrew the 2pcs of M4 Screws, remove the cover of the Power Socket.



2.Unplug the Wire Connector.



3.Loosen the 2pcs of Wing Bolts connected to the Humidity Control Component, then the Humidity Control Component can be dismantled.



⚠ Attention

- 1.Run the cabinet for 4 hours before placing items into the cabinet.
- 2.The temperature of the cabinet system will rise when it starts dehumidifying. It will last about 35 minutes (different size cabinets will take longer or shorter periods of time to stabilize).
- 3.Please use an electric fan to dry items with lots of moisture, like paper, clothes, packing materials before putting into the cabinet.

8 Humidity recommendations: Reference Table

Relative humidity	Storage Items
55%-60%RH	Paper material: paintings, antiques, paper currency, old books, fax paper, copy paper, typing paper.
45%-55%RH	Optical equipment: video camera, acoustics, computer equipment, cameras, lenses, microscopes, CDs, telescopes, endoscopes, negative film, video tapes, microfilm, disk drives, lantern slides.
35%-45%RH	Precise Material: metal, nonmetal, metal powder product, electrical equipment, electronic product, semiconductors, capacitors, Printed Circuit Boards, tungsten filament, IC, battery. Precision machinery & instrument products: accessory, crystal, precision measuring tools, optical glass, spectrometer etc.
35%-25%RH	Chemical raw materials: pharmacy raw materials, spices, paint, powder, powder material, adhesives. Farm supplies: seeds, pollen, dried flowers.

⚠ Attention The equipment cannot be used when the relative humidity is lower than 25%

9 Packing List

S.N.	Description	Unit	IHS70X	IHS110X	IHS260X
1	Detachable power cord with 2/3 prong connector	set	1	1	1
2	Spare key	pcs	2	2	2
3	Drawer key	pcs	0	2	2
4	Expansion Screw	set	2	2	2
5	Expansion Screw Jacket	pcs	2	2	2
6	Moveable Shelf	pcs	2	1	3
7	Shelf bracket	pcs	4	2	6
8	Sponge	pcs	3	4	6
9	Instructions	pcs	1	1	1

10 IHS-X Fingerprint Series Specification

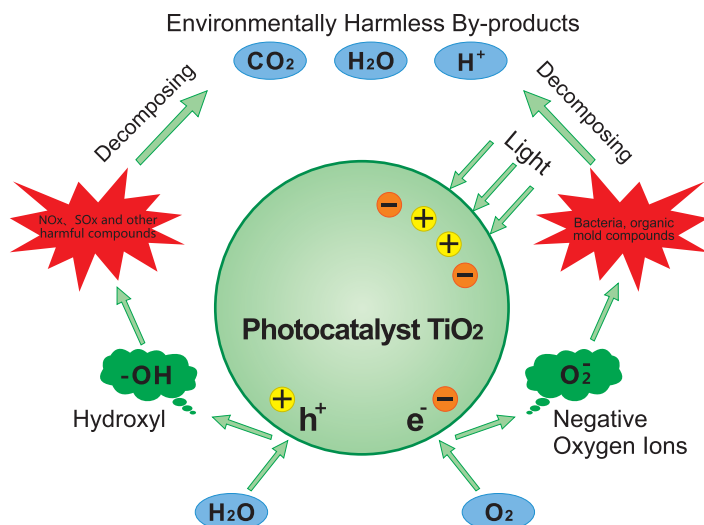
Model	IHS70X	IHS110X	IHS260X
Capacity (L)	70	110	260
Weight (kg)	52	70	120
Dimensions height×length×width (mm/inch)	700×415×360 27.6×16.3×14.2	856×450×380 33.7×17.7×15.0	1340×520×450 52.8×20.5×17.7
Password	Input 6 to 12 digits		
Humidity control	Fully automatic electronic humidity control		
Door material	6mm steel plate with powder coating		
Cabinet body material	3mm Cold rolled steel with powder coating		
Nominal voltage	AC 110V~240V 50/60Hz		
Power consumption (kW/month)	1.3 ~ 3.4	1.3 ~ 5.3	1.5 ~ 5.3

* The company reserves the right to upgrade products and modify product specifications without prior notice.
Please accept our apologies for any inconvenience we have caused.

**Revolutionary industry innovation—
SIRUI creates high performance,
mildew-proof humidity control cabinets.**



Principles of Photocatalyst TiO_2



Under irradiation of light, Photocatalyst TiO_2 will produce a photocatalytic reaction like photosynthesis - oxygen. Due to the absorption of light energy, the interior will be excited and generate electron hole pairs (photo-generated carrier). The electron hole pairs will move to the surface of the Photocatalyst TiO_2 immediately and activate the adsorbed (stuck to the outside surface) oxygen and moisture, producing reactive free hydroxyl ($-\text{OH}$) and reactive oxygen ($-\text{O}$). The Photocatalyst TiO_2 has potent light oxidation reduction performance, and can oxidize and decompose all organic compounds and some inorganic substances. When the pollutant and bacteria adsorb onto the surface of the Photocatalyst TiO_2 , chain degradation reaction will occur, and convert the organic pollutant into harmless, pollution-free water (H_2O) and carbon dioxide (CO_2). This makes the Photocatalyst TiO_2 capable of sterilizing, deodorizing, mildew-proofing, dust-proofing, self-cleaning and purifying.

Photocatalyst TiO_2 converts the contacted organic compounds into CO_2 and H_2O with the oxygen molecule and water molecule in the air. The Photocatalyst TiO_2 itself doesn't change, but can promote a chemical reaction. The chemical reaction will last long, so the operating cost will be low. Photocatalyst itself is non-toxic and harmless, it has been widely used in the area of food, medicine, cosmetics, etc.



Photocatalyst TiO_2 Testing Group



Control Group

SIRUI Intelligent Humidity Control with Photocatalyst

Sterilizing

Deodorizing

Moisture-proof

SIRUI Electronic Humidity Control and Safety Coating with Photocatalyst TiO_2 - a safe specialized coating with anti-bacterial, sterilizing, purifying, deodorizing and humidity control properties.

Deodorizing

Testing Report for the germicidal rate of SIRUI Electronic Humidity Cabinets

Testing Report for the removing rate of pollutants by SIRUI Electronic Humidity Cabinets (Harmful fumes from substance like Formaldehyde, Benzene, etc.)

BOARDING REGULATION CENTER OF MINISTRY OF DEFENSE

**GUANGDONG EDUCATION CENTER OF PEDAGOGICAL
RESEARCH FOR ANALYSIS**

School Name: GUANGDONG UNIVERSITY OF EDUCATION
 School Address: Guangzhou City
 School Telephone: 020-38333333

School Type: University
 School Address: Guangzhou
 School Address: Guangzhou

School Name: Guangdong University of Education
 School Address: Guangzhou City
 School Address: Guangzhou City

School Name: Guangdong University of Education
 School Address: Guangzhou City
 School Address: Guangzhou City

RESULTS

Item Name	Score	Weight		Total Score
		Weight	Score	
Item Name	100	1.0	100	100
Item Name	100	1.0	100	100
Item Name	100	1.0	100	100

The results of the analysis are as follows: The results of the analysis are as follows: The results of the analysis are as follows:

(Signature)

Date: 2010-10-10
 School Name: Guangdong University of Education
 School Address: Guangzhou City

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 School Address: Guangzhou City

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Global Distributor Directory



Products Info



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Thank you for purchasing SIRUI products! SIRUI will provide free warranty service if the product fails due to poor materials and workmanship under normal use.

The global agents are ranked in no particular order. If after-sales service is required, please contact the local agent first.

Headquarter of SIRUI Optical Co., Ltd.

After-Sale Service Hotline: 400 830 2299

Complaints Hotline: 181 6563 9388

Singapore/T K Foto Technic Pte Ltd

Address: Funan 107 North Bridge Rd #03-09 Singapore 179105

Tel: +65 6904 6610 **Fax:** +65 6904 6620

http: //www.tkfoto.com.sg **E-mail:** ark@tkfoto.com.sg

India/Foto centre Trading Pvt. Ltd

Address: Foto Centre Trading Pvt.Ltd* 303, 3rd Floor, Ravi Building, 189-191, Dr. D. N. Road, Mumbai-400 001.Maharashtra,India **Tel:** 0091-9820110120

http: //www.sirui.in **E-mail:** info@sirui.in

Canada/LightPro Group Inc

Address: 3206 Wharton Way Mississauga, ON L4X 2C1

Toll Free: 1-800-361-9682 **Tel:** 905-940-9262

http: //www.lightprogroup.com **E-mail:** Sales@lightprogroup.com

Kazakhstan/PSP Digital

Address: г. Алматы, проспект Абая 130 (территория ЖК «Абай 130»)

Tel: 8 707 217 03 99 8 707 958 54 94

http: //pspdf.kz/contacts **E-mail:** pspkz@mail.ru

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Mobile: +(4)0752111704 **Mobile:** +(4)0756111947 **Mobile:** +(4)0752110439
http: //www.westbuy.ro **E-mail:** westbuy1@gmail.com

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Tel: 01/ 562 00 61 **http:** // **E-mail:** info@infocona.si

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Tel: 0(850)222 37 73
http: //www.siruiturkiye.com **E-mail:** oceltikci@esseggrup.com

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http: // **E-mail:** paulli34@foxmail.com

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http: //www.nextgentv.tv **E-mail:** Afolasade.OK@nextgentv.tv

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http: //BIGggSALE.com **E-mail:** shop@bigggssale.com

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http: //www.tseportal.nl **E-mail:** service@tokina.eu

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http: //www.tseportal.nl **E-mail:** service@tokina.eu

Italy /TOSCANA FOTO SERVICE S.r.l.

Address: Via Ponte all' Asse, 2/4, 50019 Sesto Fiorentino (FI)
Tel:
http: //www.sirui-italia.it **E-mail:** info@fotocomm.it

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http: //www.focusnordic.pl **E-mail:** info@focusnordic.pl

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Tel: +37 06 12 86 120

http: //www.focusnordic.lt **E-mail:** info@focusnordic.lt

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Tel: +46 31 336 23 00

http: //www.focusnordic.com **E-mail:** info@focusnordic.se

Norway/Focus Nordic

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Tel: +47 67 17 37 00

http: //www.focusnordic.no **E-mail:** info@focusnordic.no

Finland/Focus Nordic

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Tel: +35 89 42 83 41 01

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Tel: +46 31 336 23 00

http: //www.focusnordic.dk **E-mail:** info@focusnordic.dk

Iceland/Focus Nordic

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Tel: +46 31 336 23 00

http: //www.focusnordic.is **E-mail:** info@focusnordic.is

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Tel: +46 31 336 23 00

http: //www.focusnordic.lv **E-mail:** info@focusnordic.lv

Sri Lanka/CameraLK Store

Address: CameraLK Colombo: 263, Highlevel Road Colombo 05 00500 - Western

CameraLK Majestic City: No 28, 3rd Floor Majestic City Colombo 04 00400 - Western

CameraLK Kandy: 127A 1/1 D S Senanayake Veediya Kandy 20000 - Central Province
0812233872

Tel: +(94) 117 817 870

http: //www.cameralk.com **E-mail:** ushitha@cameralk.com

Kenya/Cameras Africa

Address: Nairobi along Kenyatta Avenue, next to Phoenix House. 1 Min Walk from Sentrim 680
Hotel

Tel: 00254722764900

http: //www.camerasafrica.com **E-mail:** sales@camerasafrica.com



Garantie
Warranty
Garantía
Garanzia



SIRUI Professional Photographic Equipment

Product	Warranty length	Produkt	Garantie Zeitraum
Tripods / Monopods / Heads / Accessories	6 years	Stative / Köpfe / Zubehör	6 Jahre
Humidity Control Cabinet (only Cabinet)	6 years	Humidor Schränke (nur Schränke)	6 Jahre
Humidity Control Cabinet (Electronics)	3 years	Humidor Schränke (elektronisch)	3 Jahre
Filters / Smartphonetools / Electronic Devices	2 years	Filter / Smartphonezubehör / Elektronische Geräte	2 Jahre

Model, Modell, Modèle, Modelo

Date, Datum, Fecha, Data

Dealer, Händler, Marchand, Comerciante, Negociante

European Service Center:

SIRUI Optical GmbH • Ernst-Augustin-Str. 1a • 12489 Berlin • Germany

Phone: +49 30 991 94 94 00

Email Address : info@siruioptical.eu

Deutsch

Die SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, gewährt Käufern eine Garantie von 6 Jahren ab Kaufdatum auf die Freiheit von Herstellungs- und Materialfehlern dieses Produkts. Von dieser Garantie nicht erfasst sind Schäden durch mechanische Beeinträchtigungen, große Hitze, nicht bestimmungsgemäße Verwendung sowie Abhandenkommen. Diese Garantie gilt nur in Verbindung mit dieser Garantiekarte und einem in Europa ausgestellten Kaufbeleg. Die gesetzlichen Rechte – insbesondere die gesetzlichen Gewährleistungsrechte – bleiben hiervon unberührt. Im Garantiefall wenden Sie sich bitte an das umseitig genannte Servicecenter.

English

SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, guarantees purchasers that this product will remain free from manufacturing and workmanship defects for 6 years from the date of purchase. Damage caused by mechanical damage, excessive heat, improper use and loss are not covered by this warranty. This warranty is valid only in connection with this warranty card and a receipt issued in Europe. Statutory rights – in particular the statutory warranty rights – remain unaffected. In the event of a warranty claim please contact the service centre listed overleaf.

Français

La société SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, Allemagne, offre aux acheteurs une garantie de 6 ans, à compter de la date d'achat, contre tous défauts de fabrication ou de matériaux. Cette garantie ne couvre pas les dommages causés par des problèmes mécaniques, la chaleur excessive, l'utilisation abusive et la perte. La garantie est uniquement valable si associée à la présente carte de garantie et une preuve d'achat délivrée en Europe. Les droits légaux – en particulier les droits de garantie prévus par la loi – restent inchangés. En cas de recours à la garantie, veuillez vous adresser au centre de service mentionné au recto.

Italiano

La SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, offre agli acquirenti una garanzia di esenzione da difetti di fabbrica e di lavorazione di questo prodotto, della durata 6 anni dalla data di acquisto. Tale garanzia non copre alcun danno causato da guasto meccanico, calore eccessivo, uso improprio nonché perdita. La garanzia è valida solo se accompagnata dalla presente scheda di garanzia e ad una prova di acquisto rilasciata in Europa. I diritti legali – in particolare, i diritti di garanzia previsti dalla legge – rimangono inalterati. In caso di intervento in garanzia, si raccomanda di rivolgersi al centro di assistenza indicato sul retro.

Español

La sociedad SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, otorga a sus compradores una garantía de 6 años a partir de la fecha de compra por los vicios ocultos y defectos de fabricación de este producto. La garantía no cubrirá los daños ocasionados por desgastes mecánicos, altas temperaturas, un uso no conforme con lo prescrito o por pérdida o extravío, y sólo será válida presentando esta carta de garantía y el comprobante de compra expedido en Europa. Lo anterior no afectará a los derechos legales y, en particular, a los derechos de garantía legales. En el caso contemplado en la garantía, le rogamos se ponga en contacto con el Centro de atención al cliente, cuya dirección consta en el dorso de esta carta de garantía.

Português

A SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, garante aos seus clientes uma garantia de 6 anos a partir da data de aquisição relativa à liberdade de defeitos de produção e fabrico do produto. Esta garantia não cobre danos causados por efeitos adversos decorrentes de avaria mecânica, calor excessivo, utilização indevida, ou perda. Esta garantia é apenas válida mediante apresentação deste cartão de garantia e um recibo emitido na Europa, sem prejuízo dos direitos legais (em particular, os direitos legais de garantia). Em caso de reclamação, contate o centro de serviço referido no verso.

SIRUI Warranty

Professional Photographic Equipment



SIRUI USA, LLC

For technical support, service or repairs please contact:
29 Commerce Court Verona, NJ 07044
info@sirui.com Phone: 866-373-0829

Thank you for your purchase of Sirui professional products! Sirui warrants that your purchase is free from defects in materials and workmanship, under normal use during the Limited Warranty period. The warranty period starts on the original date of purchase on your sales receipt. If service is required, please include a copy of the sales receipt and this warranty card, with an explanation of the problem. Please store your sales receipt and warranty card in a safe location.

Product	Warranty period
Tripods and Heads	6 years
Optical and Smart Products	1 year (Battery: 6 months)
Humidity Control Cabinets	6 year (Electronic components: 3 years)

Model purchased : _____

Date : _____

Store : _____

Serial number : _____

Sirui USA Limited Warranty

This warranty is limited to the repair, adjustment and/or replacement, at Sirui or its authorized distributor's option, of defective parts, free of charge (except the cost of transportation to the distributor/service center). Responsibility is limited to actual cost of item.

Register online at www.sirui.com. Call or email with questions or problems, before sending product in for repair. For warranty service on product purchased in the USA, all shipping and insurance charges must be prepaid. Include a copy of the sales receipt, this warranty card and an explanation of the problem. The product or defective part(s) may be sent through a local authorized SIRUI USA dealer or directly to the SIRUI USA distributor/service center indicated on this warranty card. Sirui will not be responsible for expenses or inconveniences, or consequential damages to equipment, or by breach of any expressed or implied warranty.

Out-of-warranty repairs - An estimate (including shipping costs) will be provided by the SIRUI USA distributor/service center indicated on this warranty card and repairs will begin once the estimate is approved and payment is received. A return shipping fee will be charged for refused estimates.

Limitations

Warranty is non-transferable. This warranty covers all defects encountered in normal use of the equipment and does not apply in the following cases:

- 1) If the equipment has been serviced by other than an authorized Sirui distributor or service center.
- 2) Damage to the equipment due to modification, overloading, mishandling, abuse, accident, sand, corrosives, water damage or not following operating instructions.
- 3) No valid proof of purchase is provided.
- 4) Damage caused by acts of nature (including, but, not limited to fires, floods or earthquakes).

This warranty is only valid when product is purchased from an authorized SIRUI USA dealer.

Please visit SIRUI's USA official website or consult the local dealer for the Return and Exchange Policy.