



Wireless Home Security System

User Manual

Rev. 1

Content

- 1. System Installation Guide**
- 2. User Operation Guide**
- 3. Troubleshooting Guide**
- 4. Application Guide**

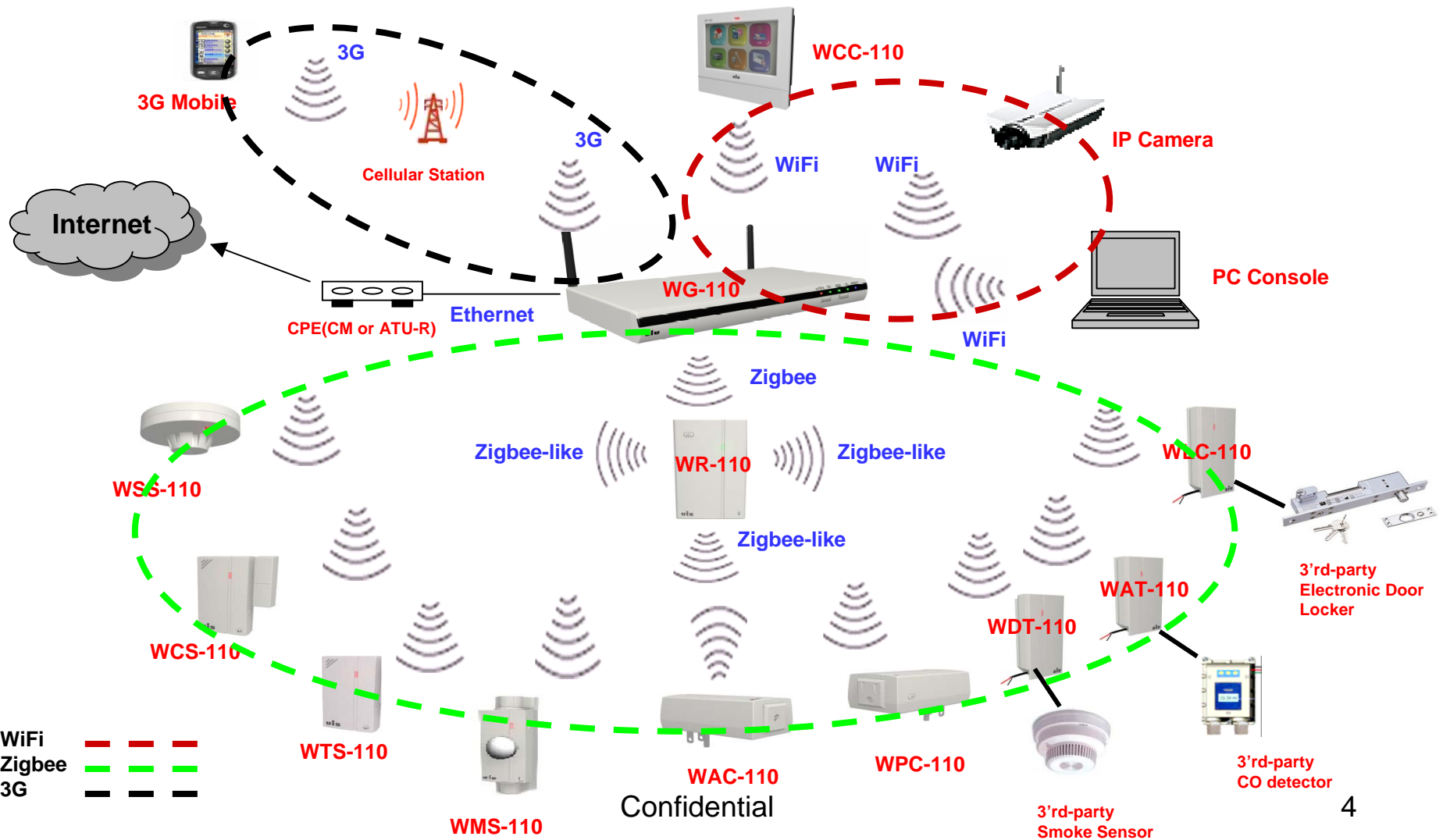


WG-110

PC/HTTP Console Configuration Guide

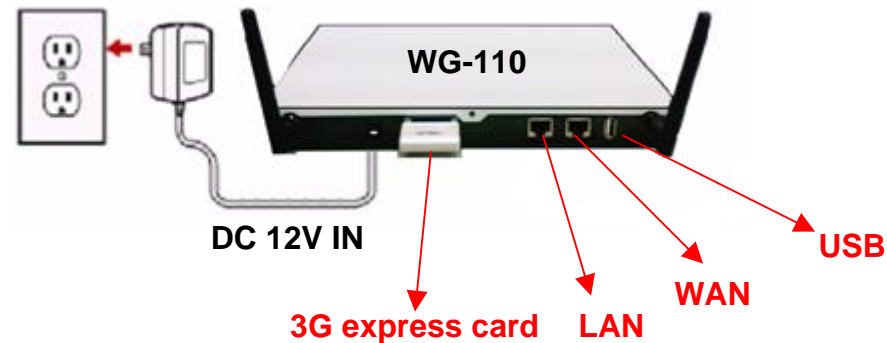


System Architecture

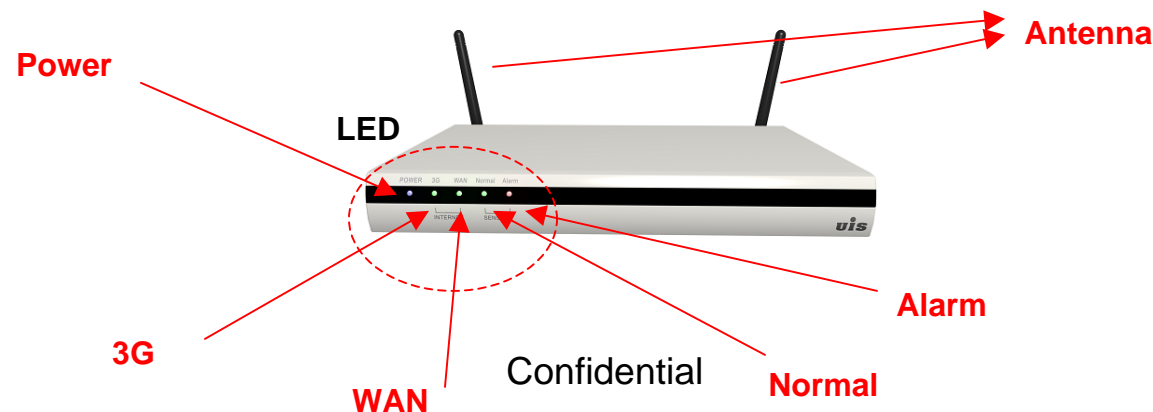


System Setup

Step 1 : Power on the Gateway(WG-110) - plug adapter into the wall power socket



Step 2 : It takes around 40 sec for Gateway to boot up and get ready, you may check out the LEDs of Power(blue) / Normal(green) to identify



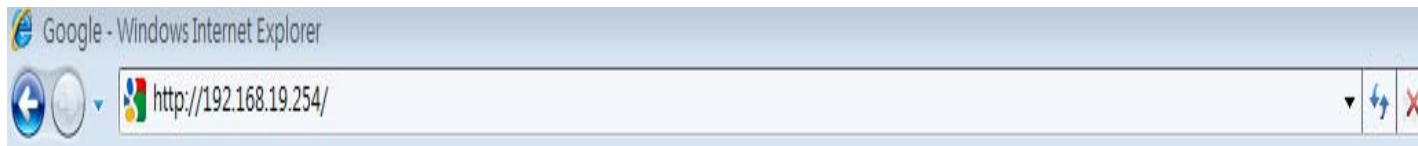
Step 3 : Set up WiFi connection between the PC and Gateway

- Power on your PC and enable WiFi(only 802.11b/g supported) network access
- Set PC's WiFi interface IP by using DHCP(dynamic IP)
- Search Gateway's SSID (you may see the default SSID value on the bottom side of Gateway while doing the first time setup) and get connected with Gateway (PC's WLAN IP address will be assigned by Gateway)

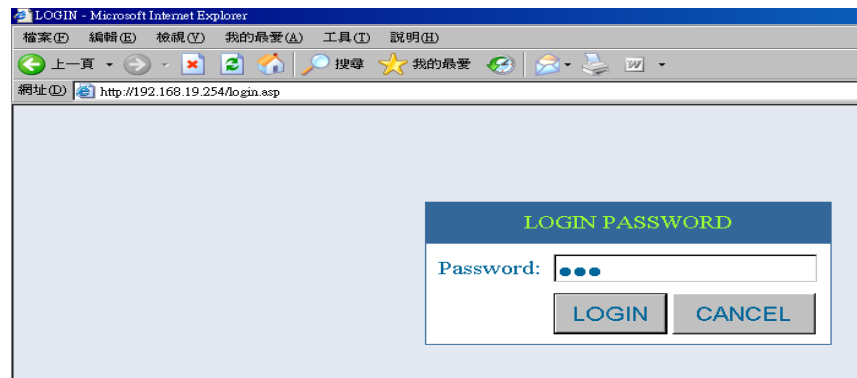


Step 4 : Set up PC console

- Open the IE browser(6.0 or above) and enter the Gateway IP (you may see the default IP address on the bottom side of Gateway while doing the first time setup)



- Key in the login password “123” (factory default) to enter the main page





System Setup

Step 5 : Enter the main console of Gateway



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout

WHSS-Wireless Home Security System

Welcome to the setup home page of WHSS, you can configure all system components step-by-step via here.
If you encounter any difficulties to complete the setting, you may check out the User Manual, Website or contact the local channel rep you purchased from.



System Setup

Step 6 : Click “System” to change the console login password

uis

- System**
- ▶ Password
- ▶ WAN
- ▶ LAN
- ▶ WLAN
- ▶ DDNS
- ▶ Reboot
- ▶ Reset
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout

System / Password

Old Password

New Password (3-12 Numeric)

Confirm Password

click here to take effect

click here to abort

Step 7 : Click “WAN” to configure Gateway’s WAN interface



- System
 - ▶ Password
 - ▶ **WAN**
 - ▶ LAN
 - ▶ WLAN
 - ▶ DDNS
 - ▶ Reboot
 - ▶ Reset
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout

System / WAN

<u>Dynamic IP</u>	Obtains an IP address dynamically via DHCP or PPPoE
<u>Static IP</u>	Uses a fixed IP address
<u>3GPP</u>	Enables 3GPP service

**choose either one to connect to Internet
(must be following up with your local ISP
OR 3G mobile operator)**

Step 8 : Click “Dynamic IP” to configure Gateway’s WAN interface

System

- ▶ Password
- ▶ WAN
- ▶ LAN
- ▶ WLAN
- ▶ DDNS
- ▶ Reboot
- ▶ Reset

Arm/Disarm

Repeater

Sensor

Siren

Automation

Surveillance

Notification

Logout

System / WAN / Dynamic IP

You may choose either DHCP or PPPoE as required by your internet service provider.

choose either one as required

DHCP

PPPoE

User Name

Password

Please re-type your password



System Setup

Step 9 : Click “Static IP” to configure Gateway’s WAN interface



System

- ▶ Password
- ▶ WAN
- ▶ LAN
- ▶ WLAN
- ▶ DDNS
- ▶ Reboot
- ▶ Reset

Arm/Disarm

Repeater

Sensor

Siren

Automation

Surveillance

Notification

Logout

System / WAN / Static IP

IP address	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Subnet Mask	<input type="text" value="255"/>	<input type="text" value="255"/>	<input type="text" value="255"/>	<input type="text" value="0"/>
Default Gateway IP	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
DNS IP Address	<input type="text" value="210"/>	<input type="text" value="241"/>	<input type="text" value="192"/>	<input type="text" value="201"/>

Apply

Cancel



System Setup

Step 10 : Click “3GPP” to configure Gateway’s WAN(3G express card) interface



System

- ▶ Password
- ▶ WAN
- ▶ LAN
- ▶ WLAN
- ▶ DDNS
- ▶ Reboot
- ▶ Reset

Arm/Disarm

Repeater

Sensor

Siren

Automation

Surveillance

Notification

Logout

System / WAN / 3GPP

Please enter the 3GPP parameters provided by your 3G mobile operator.

ISP

APN

user-definable

key in the value per your 3G provider

Apply

Cancel



System Setup

Step 11 : Click “LAN” to configure Gateway’s LAN interface



System

- ▶ Password
- ▶ WAN
- ▶ **LAN**
- ▶ WLAN
- ▶ DDNS
- ▶ Reboot
- ▶ Reset

Arm/Disarm

Repeater

Sensor

Siren

Automation

Surveillance

Notification

Logout

System / LAN

IP Address

192 . 168 . 21 . 254

Subnet Mask

255 . 255 . 255 . 0

Apply

Cancel



System Setup

Step 12 : Click “WLAN” to configure Gateway’s WLAN interface



- System
- ▶ Password
- ▶ WAN
- ▶ LAN
- ▶ **WLAN**
- ▶ DDNS
- ▶ Reboot
- ▶ Reset
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout

System / WLAN

SSID	<input type="text" value="UIS-Tony"/>	you may change the value as required
Network key	<input type="text" value=""/> (10 Numeric)	you may define the key to enable WEP data encryption as required
TX rate	Auto	
Wireless LAN Security	WEP	
Key length	64-bit	
Key format	HEX	
Auth mode	Open	

Remark: please input the Network Key to enable WEP encryption, otherwise, leave it blank to disable.



System Setup

Step 13 : Click “DDNS” to configure Gateway’s DDNS (Dynamic DNS) information



System

- ▶ Password
- ▶ WAN
- ▶ LAN
- ▶ WLAN
- ▶ **DDNS**
- ▶ Reboot
- ▶ Reset

Arm/Disarm

Repeater

Sensor

Siren

Automation

Surveillance

Notification

Logout

System / DDNS

DDNS Service Enable **click here to enable DDNS service**

Dyndns System **key in DDNS provider’s domain name**

Username

Password

Alias **key in the registered domain name**

key in the value while applying DDNS service (you may attain the account information once done the DDNS service registration)



System Setup

Step 14 : Click “Reboot” to power reboot the Gateway



System

- ▶ Password
- ▶ WAN
- ▶ LAN
- ▶ WLAN
- ▶ DDNS
- ▶ **Reboot**
- ▶ Reset

Arm/Disarm

Repeater

Sensor

Siren

Automation

Surveillance

Notification

Logout

System / Reboot

Once you changed any system settings, you've to reboot the system to take effect. Please click the “Reboot” button below as required, you'll be asked again for confirmation.

Reboot



System Setup

Step 15 : Click “Reset” to reset all settings to the factory default and power reboot the Gateway



System

- ▶ Password
- ▶ WAN
- ▶ LAN
- ▶ WLAN
- ▶ DDNS
- ▶ Reboot
- ▶ **Reset**

Arm/Disarm

Repeater

Sensor

Siren

Automation

Surveillance

Notification

Logout

System / Reset

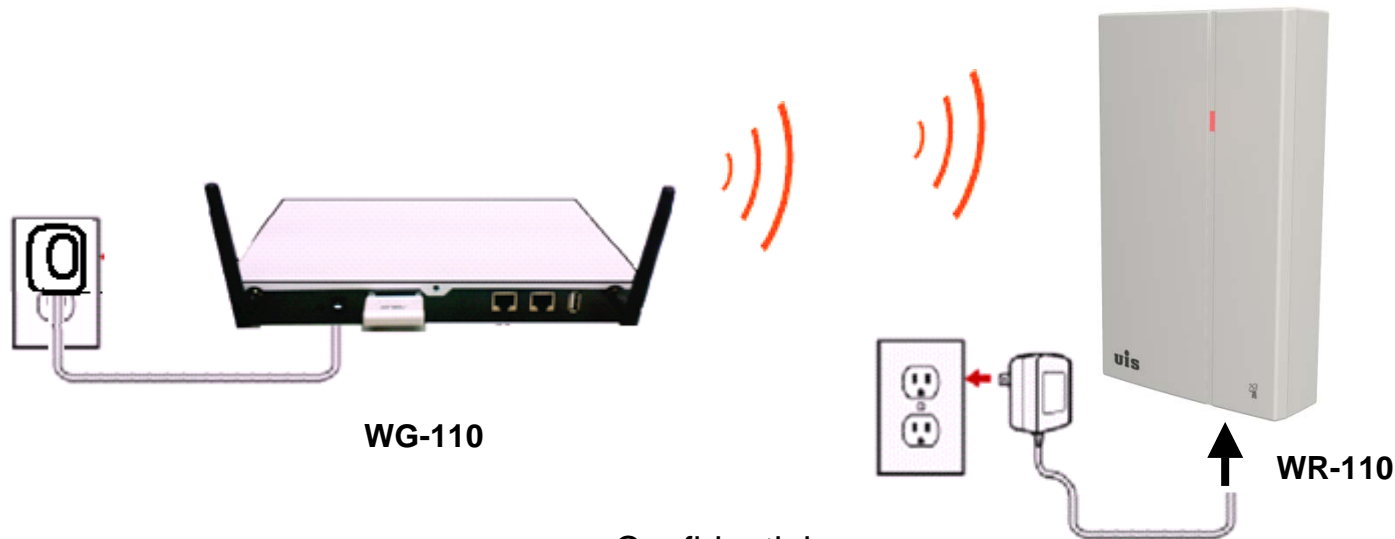
You can press the “Reset” button below to reset all settings to the factory default if you require, you’ll be asked again for confirmation.

Reset

Repeater Setup

Step 16 : Power on the Wireless Repeater (WR-110) and get connected with Gateway

- Plug adapter into the wall socket to power on the Repeater
- Push the back side “set” button of Repeater for 5 sec, the indicator will blink blue light twice and turn red light again
- Click “Join Repeater” button via the WG-110 console (**see next page**) to join the repeater
- Repeater’s indicator will turn blue light to sync up the access ID with WG-110
- Wait couple seconds or click the “Refresh” button to check out the result
- Repeat above steps to join the other repeaters
- The max. distance between Gateway and Repeater is 30M as suggested



Repeater Setup

Step 17 : Click "Repeater" to configure repeaters

The screenshot shows the 'Repeater Setup/Status' page. On the left is a navigation menu with the following items: System, Arm/Disarm, Repeater (highlighted in red), Sensor, Siren, Automation, Surveillance, Notification, and Logout. The main content area has a title 'Repeater Setup/Status' with a refresh icon. Below the title is a 'Join Repeater' button. Underneath is a satellite icon, followed by a text input field containing the ID '113000000000011-0001'. To the right of the input field is a 'Reset' button. Red arrows point from text annotations to these elements: 'you can join multiple Repeaters thru here' points to the 'Join Repeater' button; 'Click here to refresh the status' points to the refresh icon; 'click here to clean all binding sensor information' points to the 'Reset' button; 'the ID has to be matched (Repeater vs. Gateway) to complete the binding' points to the ID input field; and 'the unique channel # between Repeater and Gateway' points to the '-0001' part of the ID.




Repeater Setup

Step 18 : Click the specific Repeater to configure



- System
- Arm/Disarm
- Repeater**
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout

Repeater Setup



Repeater ID 1113000000000011

Repeater Channel 0001

Repeater Name

Delete Apply Cancel

user-definable alias

click here to delete this Repeater connection

Device Binding

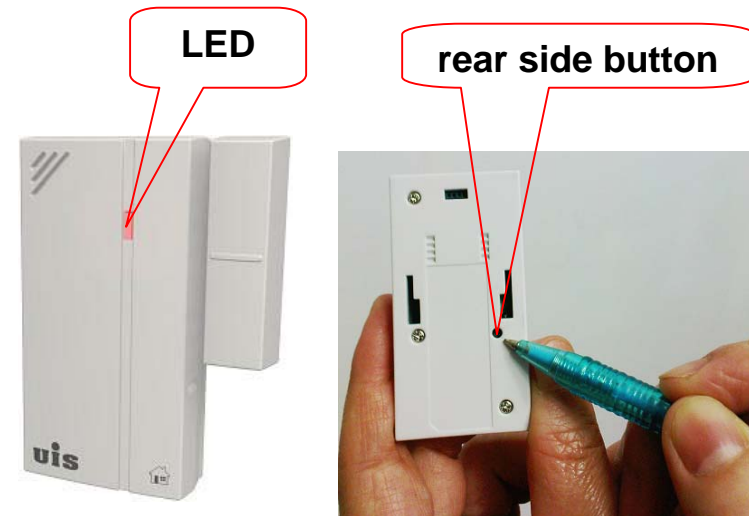
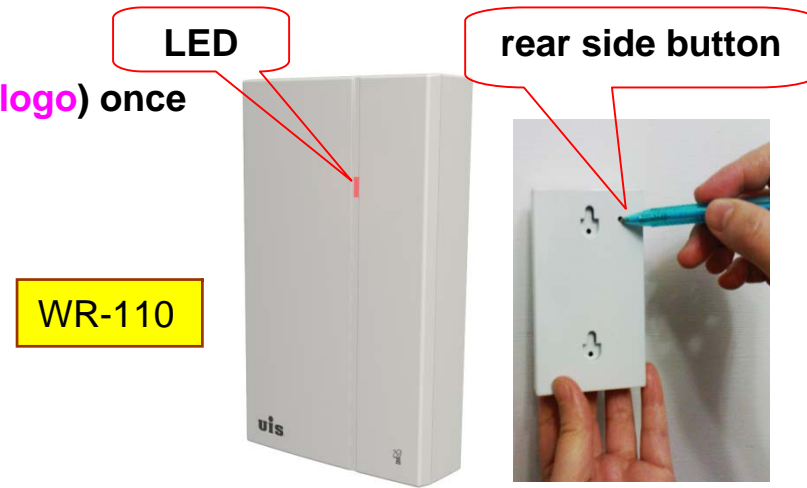
1. Push Repeater's button (rear side) once
2. Push Device's button (rear side or left side nearby logo) once
3. Verify if Device's LED flashes three times (red color) in sec and meanwhile, verify if Repeater's LED flashes once (blue color)
4. Repeat the above actions for all rest devices

Device means for:

- Sensor
- Siren
- Controller
- Transducer

Remarks:

- while binding Smoke Sensor, after pushing the button, it will alarm three times in sec
- while binding Siren, after pushing the button, the LED will flash three times in around 15 sec
- the max. distance between Sensor and Repeater is 10M as suggested
- Sensor will send status update to Repeater automatically in every 10 minutes
- Gateway will put Sensor as "disconnected" status if Gateway didn't get Sensor's keep-alive signal (via Repeater) in 30 minutes (10 min/time x 3)



Confidential



Siren Setup



Step 19 : Click “Siren” to configure sirens



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren**
- Automation
- Surveillance
- Notification
- Logout

Siren Setup

Current Mode: Disarm

  [Alarm Controller 0001-001008](#)


silent mode



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren**
- Automation
- Surveillance
- Notification
- Logout

Siren Setup

Current Mode: Partial Arm

  [Alarm Controller 0001-001008](#)

alarm mode



Siren Setup

Step 20 : Click the specific Siren to configure



System

Arm/Disarm

Repeater

Sensor

Siren

Automation

Surveillance

Notification

Logout

Sensor Setup



Sensor ID

0001-001008

Sensor Type

Alarm Controller

Sensor Name

Delete

Apply

Cancel

Automation Setup

Step 21 : Click “Automation” to configure controllers

uis

- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation**
- Surveillance
- Notification
- Logout

Automation-related Controller Setup/Status

Current Mode: Disarm

		Remote Power Switch 0001-001107
		Lock Controller 0001-001408

Orange means “turned-off”
Green means “turned-on”



Automation Setup

Step 22 : Click the specific Power Controller to configure



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation**
- Surveillance
- Notification
- Logout

Sensor Setup



Sensor ID

0001-001107

Sensor Type

Remote Power Switch

Sensor Name

Delete

Apply

Cancel



Automation Setup

Step 23 : Click the specific Lock Controller to configure



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation**
- Surveillance
- Notification
- Logout

Sensor Setup



Sensor ID

0001-001408

Sensor Type

Lock Controller

Sensor Name

Delete

Apply

Cancel

Step 24 : Click “Sensor” to display all binding sensor information

Sensor Setup/Status

Current mode: Disarm

19°C		Temperature Sensor 0001-000308
		Smoke Sensor 0001-000928
		PIR Motion Sensor 0001-000706
		Contact Sensor 0001-000110
		DI Transducer 0001-001208
22		AI Transducer 0001-001307

click here to quick refresh all sensor status manually

Note:

- the console will be auto refreshed in every 20 sec

sensor name & id


sensor status or current value

sensor symbol

Confidential

Step 25 : Click “PIR Motion Sensor” to configure

Sensor Setup



Sensor ID: 0001-000706

Sensor Type: PIR Motion Sensor

Sensor Name:

Partial Arm mode action: Enable

Switch link:


user-definable alias

click here to enable the Partial Arm mode

click here to bind the multiple links with the automation-related controllers

Step 26 : Click “Temperature Sensor” to configure

Sensor Setup



Sensor ID: 0001-000308

Sensor Type: Temperature Sensor

Sensor Name:

Value: **click here to swap the unit**

MAX: **key in the max. threshold value**

MIN: **key in the min. threshold value**

Siren Alarm: Enable

Switch link: **click here to enable Siren alarm once above threshold be reached**



Sensor Setup

Step 27 : Click “DI Transducer” to configure



System

Arm/Disarm

Repeater

Sensor

Siren

Automation

Surveillance

Notification

Logout

Sensor Setup



Sensor ID 0001-001208

Sensor Type DI Transducer

Sensor Name

Siren Alarm Enable

Switch link

Delete

Apply

Cancel




Sensor Setup

Step 28 : Click “Contact Sensor” to configure



- System
- Arm/Disarm
- Repeater
- Sensor**
- Siren
- Automation
- Surveillance
- Notification
- Logout

Sensor Setup



Sensor ID: 0001-000110

Sensor Type: Contact Sensor

Sensor Name:

Partial Arm mode action: Enable

Switch link:




Sensor Setup

Step 29 : Click “Smoke Sensor” to configure



- System
- Arm/Disarm
- Repeater
- Sensor**
- Siren
- Automation
- Surveillance
- Notification
- Logout

Sensor Setup



Sensor ID: 0001-000928


Sensor Type: Smoke Sensor

Sensor Name:

Switch link:

Step 30 : Click “AI Transducer” to configure

Sensor Setup

22 

Sensor ID 0001-001307

Sensor Type AI Transducer

Sensor Name

Value → **current value**

High rang value → **max value of attached sensor coverage**

Low rang value → **min value of attached sensor coverage**

Threshold → **threshold value**

Siren Alarm Enable

Switch link

click to enable Siren alarm →

- System
- Arm/Disarm**
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout

Arm/Disarm

Disarm
Disable all burglarproof sensor alarms BUT enable all anti-disaster sensor alarms

Partial Arm
Enable all partial_arm_mode-enabled burglarproof sensor alarms AND enable all anti-disaster sensor alarms

Full Arm
Enable all sensor alarms

Burglarproof-type sensors: i.e. Contact Sensor, Motion Sensor....
Anti-disaster-type sensors: i.e. Smoke Sensor...

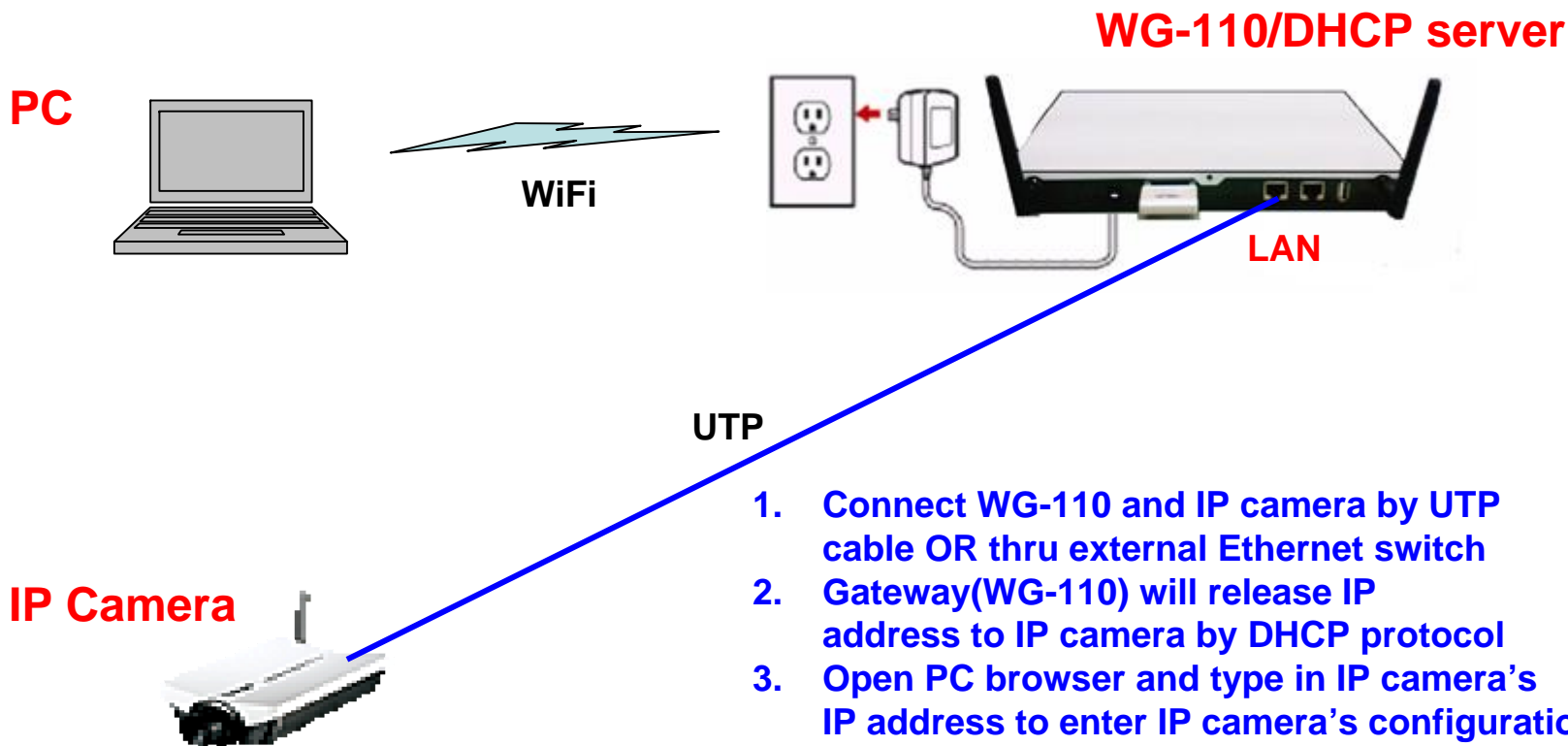
Current mode : Disarm

Mode Selection:

Disarm Partial Arm Full Arm

Surveillance Setup

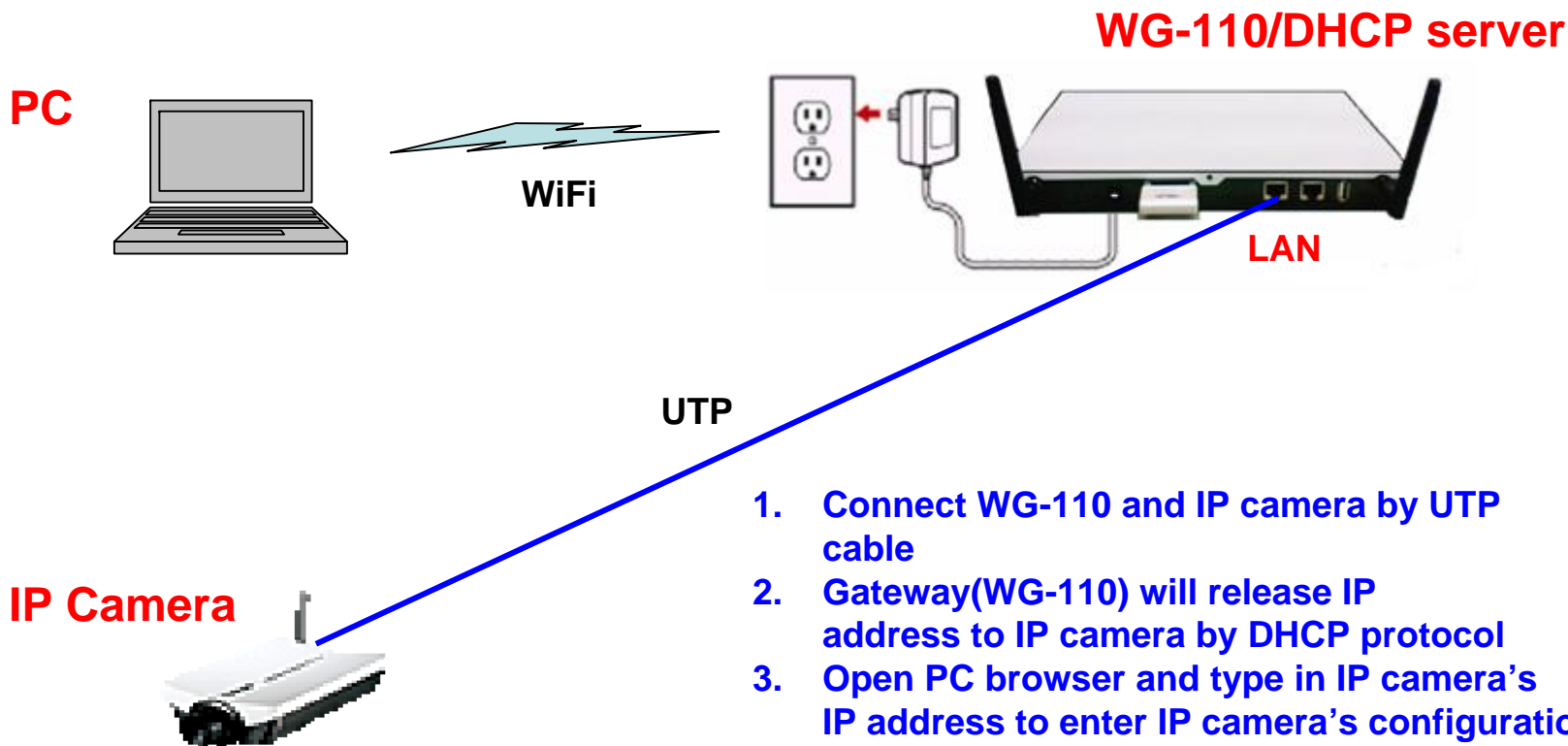
Step 31 : Set up 3rd-party **wired** IP camera



1. Connect WG-110 and IP camera by UTP cable OR thru external Ethernet switch
2. Gateway(WG-110) will release IP address to IP camera by DHCP protocol
3. Open PC browser and type in IP camera's IP address to enter IP camera's configuration console
4. Configure IP camera's IP address (fixed), WiFi SSID, HTTP port# and RTSP port#
5. Reboot both Gateway and IP camera

Surveillance Setup

Step 31 : Set up 3rd-party **wireless** IP camera



1. Connect WG-110 and IP camera by UTP cable
2. Gateway(WG-110) will release IP address to IP camera by DHCP protocol
3. Open PC browser and type in IP camera's IP address to enter IP camera's configuration console
4. Configure IP camera's IP address (fixed), WiFi SSID, HTTP port# and RTSP port#
5. **Disconnect the UTP connection** and reboot both Gateway and IP camera



Surveillance Setup

Step 32 : Key in IP Camera's Alias, IP address, and Port mapping to add into



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance**
 - ▶ Setup
 - ▶ Monitoring
- Notification
- Logout

IP Camera Setup

Name	IP Cam	RTSP Port	Mapping Port	Web Page	Mapping Port	Add
Door	192.168.21.64	554	1054	80	1080	<input checked="" type="checkbox"/>
Name	IP Cam	RTSP Port	Mapping Port	Web Page	Mapping Port	Delete

Cancel

Gateway's RTSP port#
(must be above 1024)

Gateway's HTTP port#
(must be above 1024)


Confidential

click here to add IP camera

Step 33 : Reboot Gateway to take effect

You must reboot gateway

IP Camera Setup

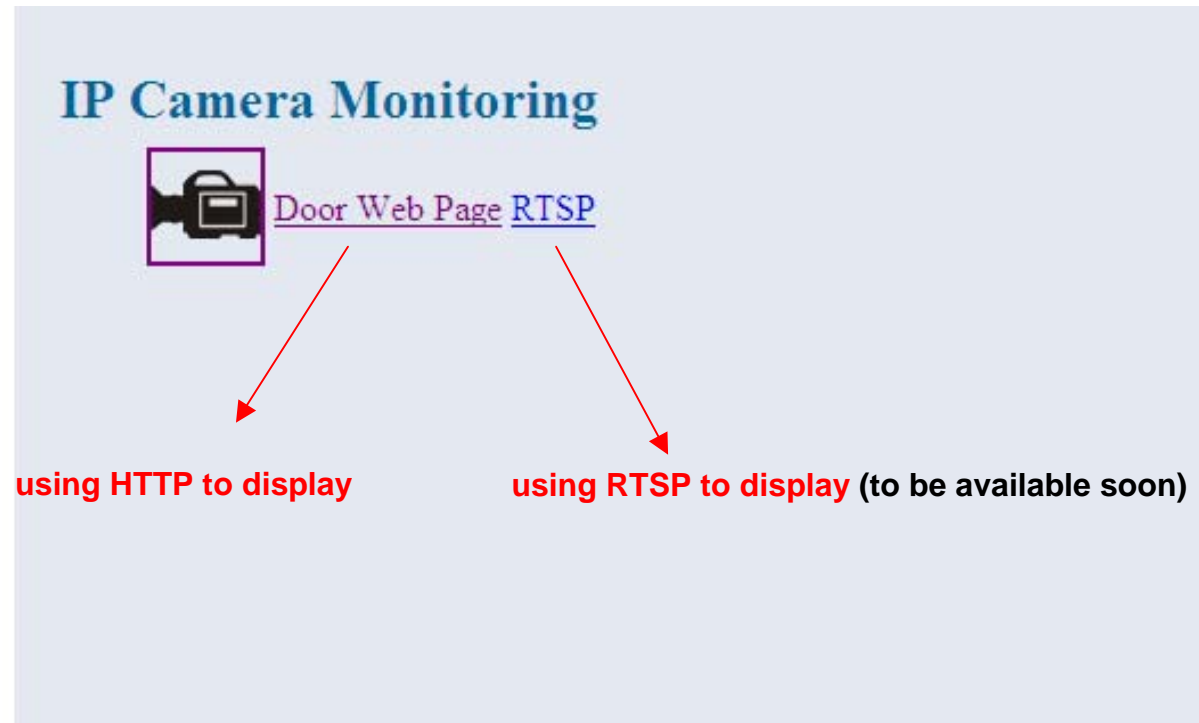
Name	IP Cam	RTSP Port	Mapping Port	Web Page	Mapping Port	Add
<input type="text"/>	192.168. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	✔
Name	IP Cam	RTSP Port	Mapping Port	Web Page	Mapping Port	Delete
Door	192.168.21.64	554	1054	80	1080	

click here to delete IP camera

Step 34 : Choose IP camera to monitor



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance**
 - ▶ Setup
 - ▶ **Monitoring**
- Notification
- Logout





Surveillance Setup



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance**
 - ▶ Setup
 - ▶ Monitoring
- Notification
- Logout

The screenshot displays the D-Link Securicam Network web interface. At the top, the D-Link logo and tagline "Building Networks for People" are on the left, and the Securicam Network logo and product name "Wireless Internet Camera with 3G Mobile Video" are on the right. Below the header, a small icon of the camera is labeled "DCS-2120". To the left of the video feed is a vertical menu of control buttons: "快照功能" (Snapshot Function), "連線類型" (Connection Type), and "設定" (Settings). Below these buttons is a "數位輸出" (Digital Output) section with "開" (On) and "關" (Off) buttons. The main area is a large video feed showing a blurred indoor scene.



Notification Setup

Step 35 : Click “Notification” to configure SMS notifications



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification**
 - ▶ SMS
 - ▶ EMail
- Logout

Notification / SMS

SMS Enable Enable **click here to enable SMS notification**

PhoneNo. 1 **(country code + mobile num)**

PhoneNo. 2

PhoneNo. 3

PhoneNo. 4

up to 4 mobile numbers could be entered



Notification Setup

Step 36 : Click “Notification” to configure Email notifications



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification**
- ▶ SMS
- ▶ **E**Mail
- Logout

Notification / Email

click here to enable email notification

click here to enable SMTP authentication as required

key in SMTP server's IP or Domain Name

key in username/password

up to 4 email addresses could be entered

Email Service	<input type="checkbox"/> Enable
SMTP Server	<input type="text"/> (IP or Domain Name)
Authentication	<input type="checkbox"/> Yes
User name	<input type="text"/>
Password	<input type="text"/>
Email Address No.1	<input type="text" value="sales@wss.uisco.com.tw"/>
Email Address No.2	<input type="text"/>
Email Address No.3	<input type="text"/>
Email Address No.4	<input type="text"/>

Apply Cancel

up to 4 email addresses could be entered



System Logout

Step 37 : Click “Logout” to logout the system



- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout**



click

A screenshot of a dialog box titled "LOGIN PASSWORD" in green text on a dark blue header. Below the header, there is a text label "Password:" followed by an empty input field. Underneath the input field are two buttons: "LOGIN" and "CANCEL".



WG-110

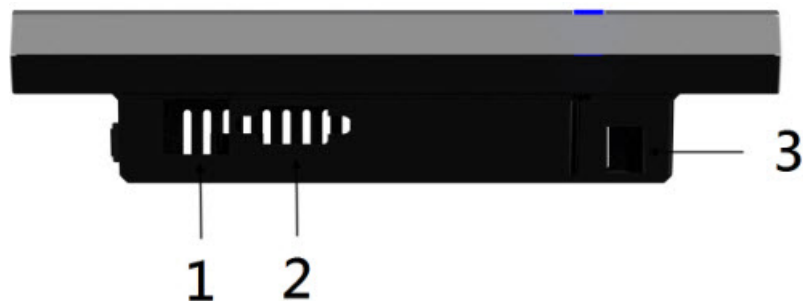
Touch Console Configuration Guide

WCC-110 / Front View



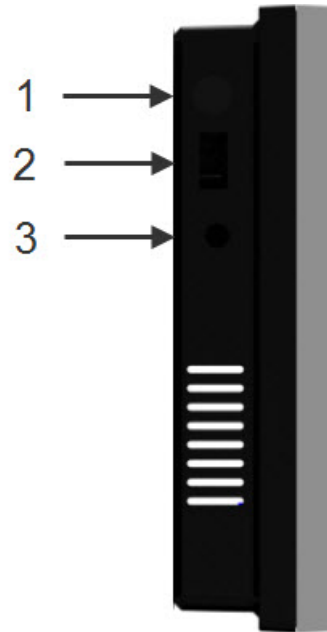
Item	Description
Touch screen	7" 800x480 16:9 WVGA TFT color LCD displays with Touch panel
Battery status indicators	Dual Color LED(Green, Red) to show the battery status of 1. In charging (AC power on) - Red LED blinking , 2.Battery discharge- Yellow continue , 3.low battery – Red LED continue on 4. Normal(AC power on, battery high) – Green LED continue on
Arm/Disarm status indicators/ Boot status	Dual Color(Blue,Red)LED to show the status of the Arm/Disarm Status 1.Full(Partial) Arm: Red LED blinking ; 2.Disarm: Blue continue on 3.Bootng --Blue LED blinking

WCC-110 / Back View



#	Item	Description
1	Ethernet (RJ-45)	Connects to an Ethernet 10/100 based network.
2	port External display (VGA) port	Connects to a display device (e.g. external monitor, LCD projector).
3	DC-in jack	Connects to an AC adapter.

WCC-110 / Side View



#	Item	Description
1	Power button	Turn on/off Console Controller
2	USB 2.0/1.1 port	Connects to USB devices (e.g. USB camera, USB keyboard).
3	Speaker jack	Connects to audio devices (e.g. external speakers).



WCC-110 Setup

Power ON :

1. Plug in the power adapter
2. Push the power button to power on the device

WCC-110 Setup

Please enter password:

1. Key in password
The default value is "123"

2. Click here to login

1	2	3	4	5
6	7	8	9	0

WCC-110 Setup

Click here to logout



Touch here to enter into the setup main console

To be available



Touch here to enter into the Gateway setup screen



WCC-110 Setup

Close Return View Up View Down Keypad

uis

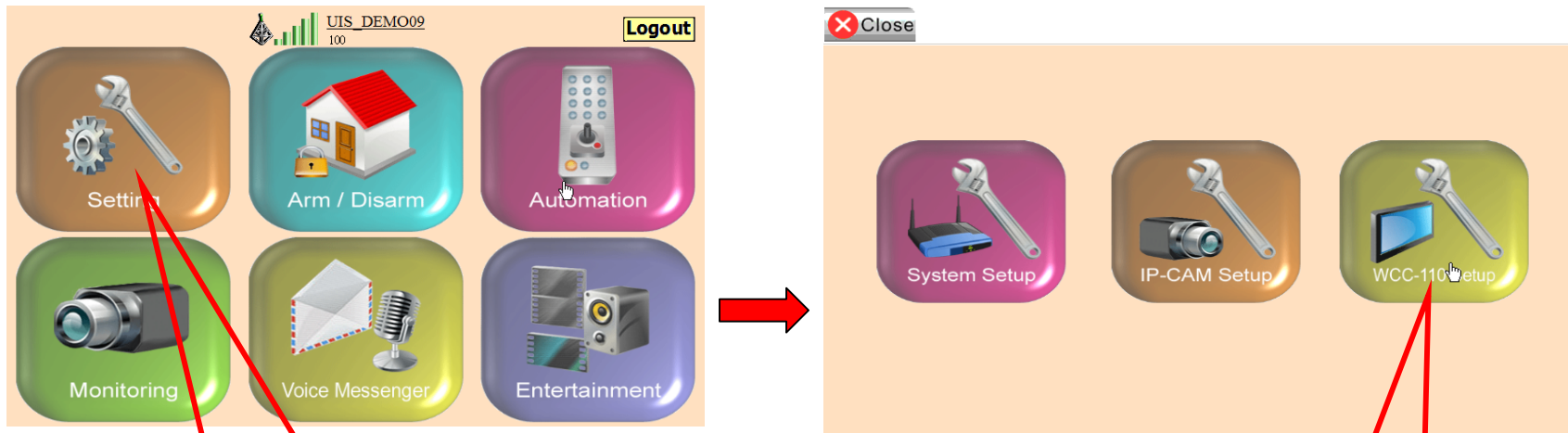
- System
- Arm/Disarm
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout

WHSS-Wireless Home Security System

Welcome to the setup home page of WHSS, you can configure all system components step-by-step via here.
If you encounter any difficulties to complete the setting, you may check out the User Manual, Website or contact the local channel rep you purchased from.

Same as PC console

WCC-110 Setup



Touch here to enter into the setup main console

Touch here to enter into the WCC-110 setup screen

WCC-110 Setup



Touch here to enter into the password setup screen



WCC-110 Setup

Close Apply Keypad

Old Password :

New Password : (3-12 Numeric)

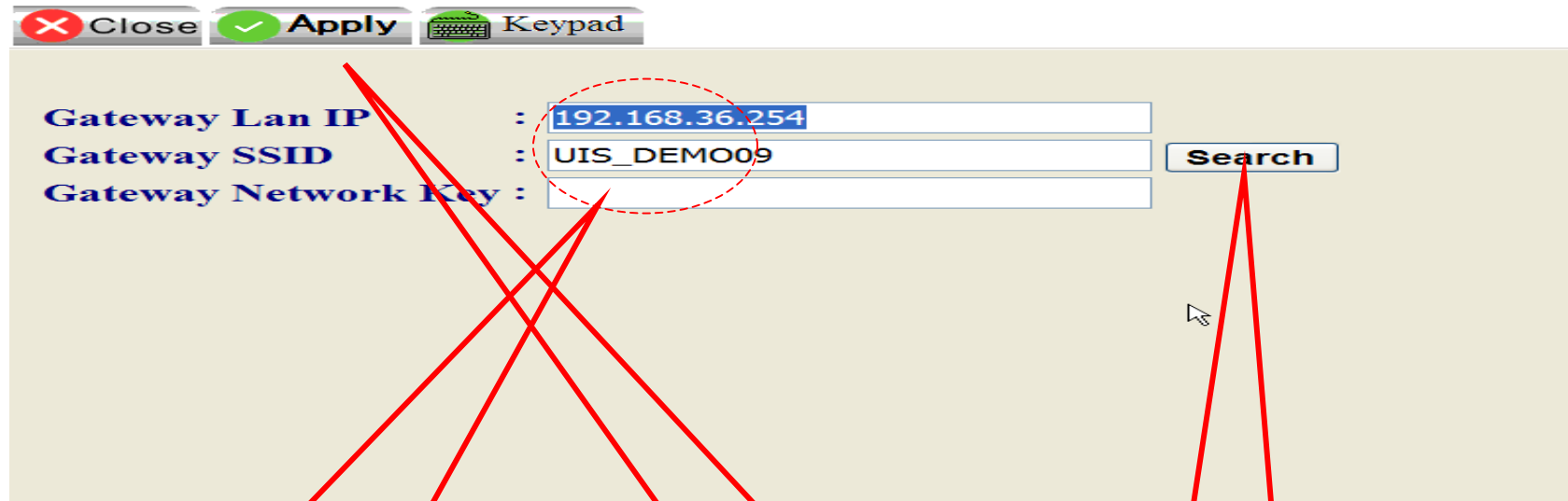
Confirm Password :

WCC-110 Setup



Touch here to enter into the network setup screen

WCC-110 Setup



The screenshot shows a web-based configuration interface for WCC-110. At the top, there are three buttons: 'Close' (with a red X icon), 'Apply' (with a green checkmark icon), and 'Keypad' (with a keypad icon). Below these buttons, there are three input fields: 'Gateway Lan IP' with the value '192.168.36.254', 'Gateway SSID' with the value 'UIS_DEMO09', and 'Gateway Network Key' which is empty. A red dashed circle highlights the 'Gateway Lan IP' field. To the right of the input fields is a 'Search' button. A mouse cursor is positioned over the 'Search' button. Red lines connect the input fields to numbered callout boxes below the screenshot.

1. Key in Gateway's LAN IP, SSID(if know) & WiFi network key(if have)

3. Click here to activate all settings

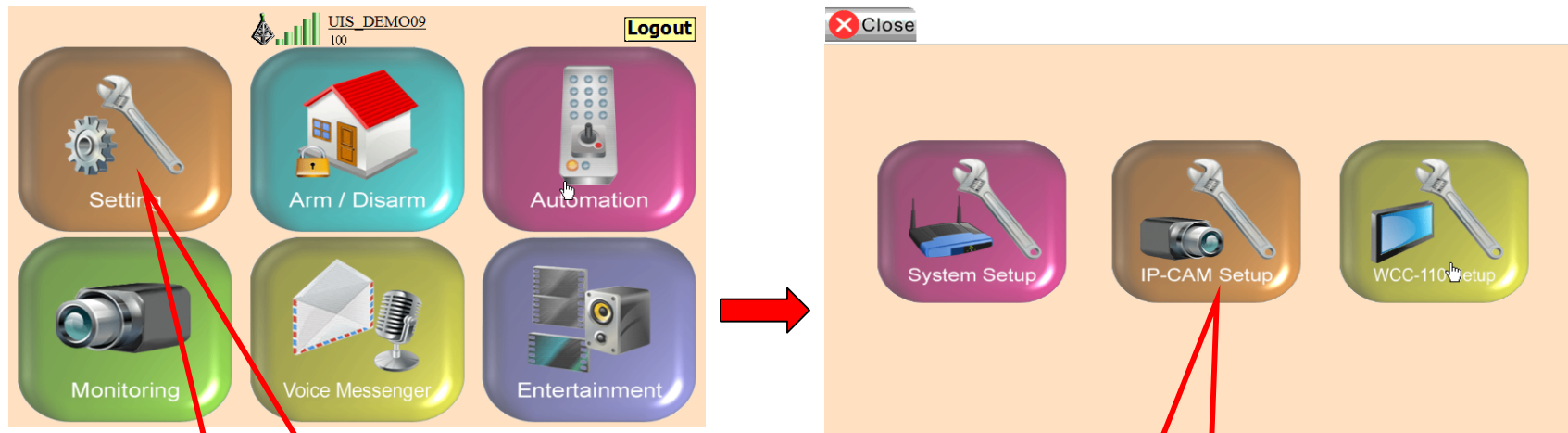
2. Click here to searching for WiFi SSID(if don't know), move to the next page to continue

The screenshot shows a network configuration window with a title bar containing 'Close' and 'Keypad' buttons. Below the title bar is a list of wireless access points: UIS_DEMO09 (selected), 3Com_UI..., UIS-AP01, UIS_TEST2, UIS_TEST..., BF-UISCO, and 5F-UISCO. Below the list is a 'Wireless Access Point Information' section for the selected SSID 'UIS_DEMO09'. This section includes fields for 'SSID' (UIS_DEMO09), 'Security' (None), and 'Key' (a yellow input field). A 'Connect' button is located below these fields. To the right of this section, the text 'UIS_DEMO09' and 'Connected' is displayed. Three red callout boxes with arrows point to the SSID list, the 'Key' field, and the 'Connect' button, respectively.

1. Choose the right SSID that you're going to get connected with Gateway

2. Key-in the WiFi key if have

3. Click here to get connected



Touch here to enter into the setup main console

Touch here to enter into the IP Camera setup screen

WCC-110 Setup



Please input IP Cam Address :

Key-in IP Camera's IP address(if know)

Apply

Renew

DHCP IP address release table

Click here to renew the table

Content

- 1. System Installation Guide**
- 2. User Operation Guide**
- 3. Troubleshooting Guide**
- 4. Application Guide**

Arm/Disarm

Disarm

Disable all burglarproof sensor alarms BUT enable all anti-disaster sensor alarms

Partial Arm

Enable all partial_arm_mode-enabled burglarproof sensor alarms AND enable all anti-disaster sensor alarms

Full Arm

Enable all sensor alarms

Burglarproof-type sensors: i.e. Contact Sensor, Motion Sensor....

Anti-disaster-type sensors: i.e. Smoke Sensor...

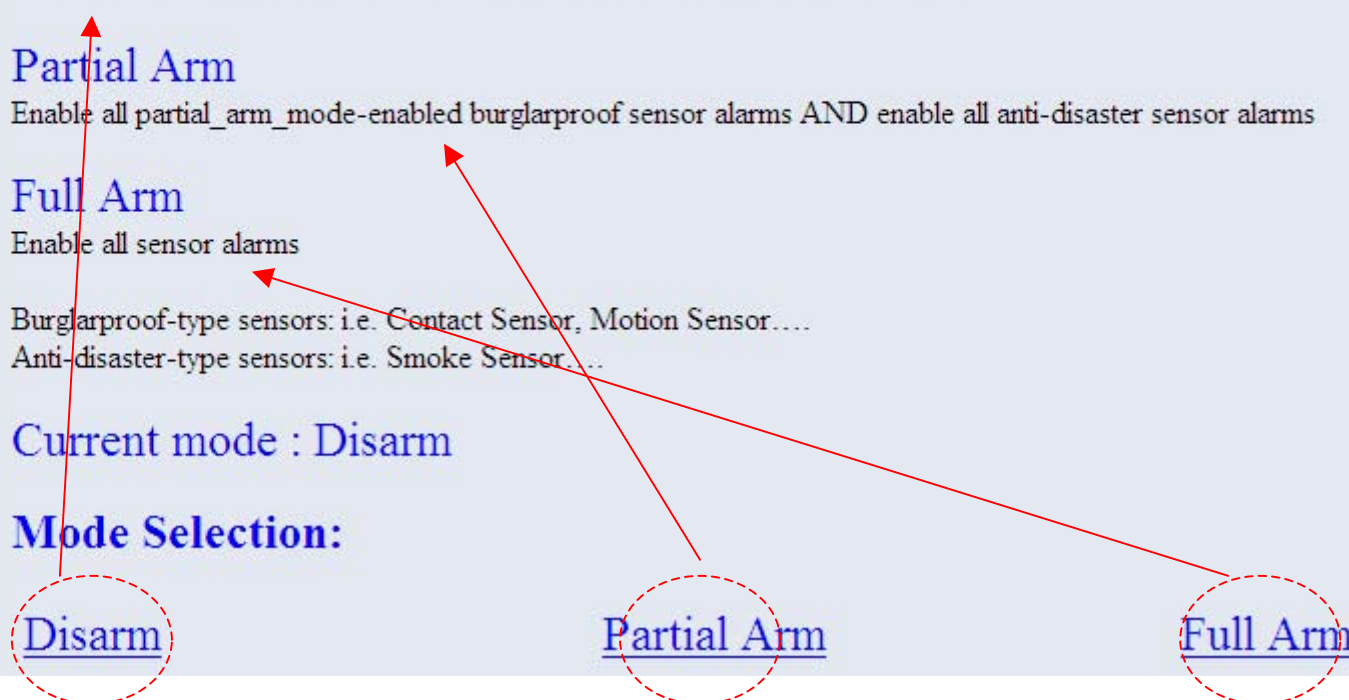
Current mode : Disarm

Mode Selection:

Disarm

Partial Arm

Full Arm



- uis
- System
- Arm/Disarm**
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout

Sensor Setup/Status

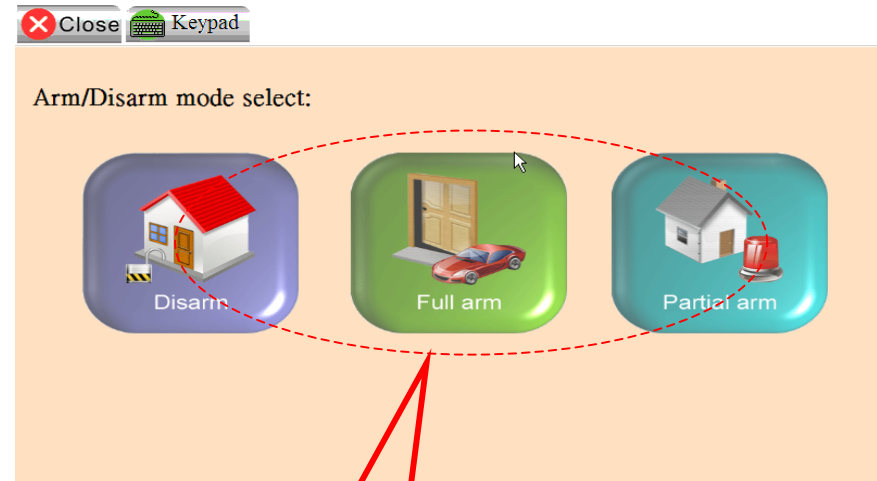
Current mode: Disarm

19°C		Temperature Sensor 0001-000308
		Smoke Sensor 0001-000928
		PIR Motion Sensor 0001-000706
		Contact Sensor 0001-000110
		DI Transducer 0001-001208
22		AI Transducer 0001-001307

Show up the real-time mode once changed



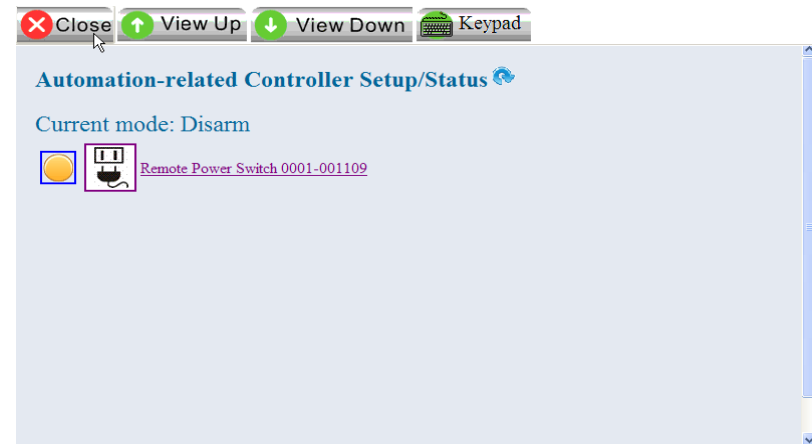
Touch here to enter into the Arm/Disarm main console



Choose either mode you prefer



Touch here to enter into the automation-related main console





1. Touch here to enter into the Monitoring main console

2. Choose the IP Cam you want to watch



Content

1. System Installation Guide
2. User Operation Guide
- 3. Troubleshooting Guide**
4. Application Guide



Troubleshooting Tips



- System
- Arm/Disarm**
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout

Sensor Setup/Status

Current mode: Partial Arm

18°C		Temperature Sensor 0001-000308
		Smoke Sensor 0001-000928
		PIR Motion Sensor 0001-000706
		Contact Sensor 0001-000110
		DI Transducer 0001-001208
22		AI Transducer 0001-001307

Partial Arm mode be disabled

Troubleshooting Tips

- Think
- System
- Arm/Disarm
- Repeater
- Sensor**
- Siren
- Automation
- Surveillance
- Notification
- Logout

Sensor Setup/Status

Current mode: Disarm

	PIR Motion Sensor 0001-000706
	Contact Sensor 0001-000110
18°C	Temperature Sensor 0001-000308
	Smoke Sensor 0001-000928
	DI Transducer 0001-001208
22	AI Transducer 0001-001307

sensor(vs. magnet) in open mode



Troubleshooting Tips



- System
- Arm/Disarm**
- Repeater
- Sensor
- Siren
- Automation
- Surveillance
- Notification
- Logout

Arm/Disarm

Disarm

Disable all burglarproof sensor alarms BUT enable all anti-disaster sensor alarms

Partial Arm

Enable all partial_arm_mode-enabled burglarproof sensor alarms AND enable all anti-disaster sensor alarms

Full Arm

Enable all sensor alarms

Burglarproof-type sensors: i.e. Contact Sensor, Motion Sensor....

Anti-disaster-type sensors: i.e. Smoke Sensor....

Current mode : Disarm

Mode Selection:

[Disarm](#)

[Partial Arm](#)

[Full Arm](#)

Error: Door/Window Sensor ID-000110 Status Error

[Back](#)

Sensor Setup/Status

Current mode: Disarm

19°C  [Temperature Sensor 0001-000308](#)

 [Smoke Sensor 0001-000928](#)

 [PIR Motion Sensor 0001-000706](#)

 [Contact Sensor 0001-000110](#)

you can't enable Partial or Full Arm mode while WCS is in open mode

Troubleshooting Tips

- System
- Arm/Disarm
- Repeater
- Sensor**
- Siren
- Automation
- Surveillance
- Notification
- Logout

Sensor Setup/Status

Current mode: Disarm

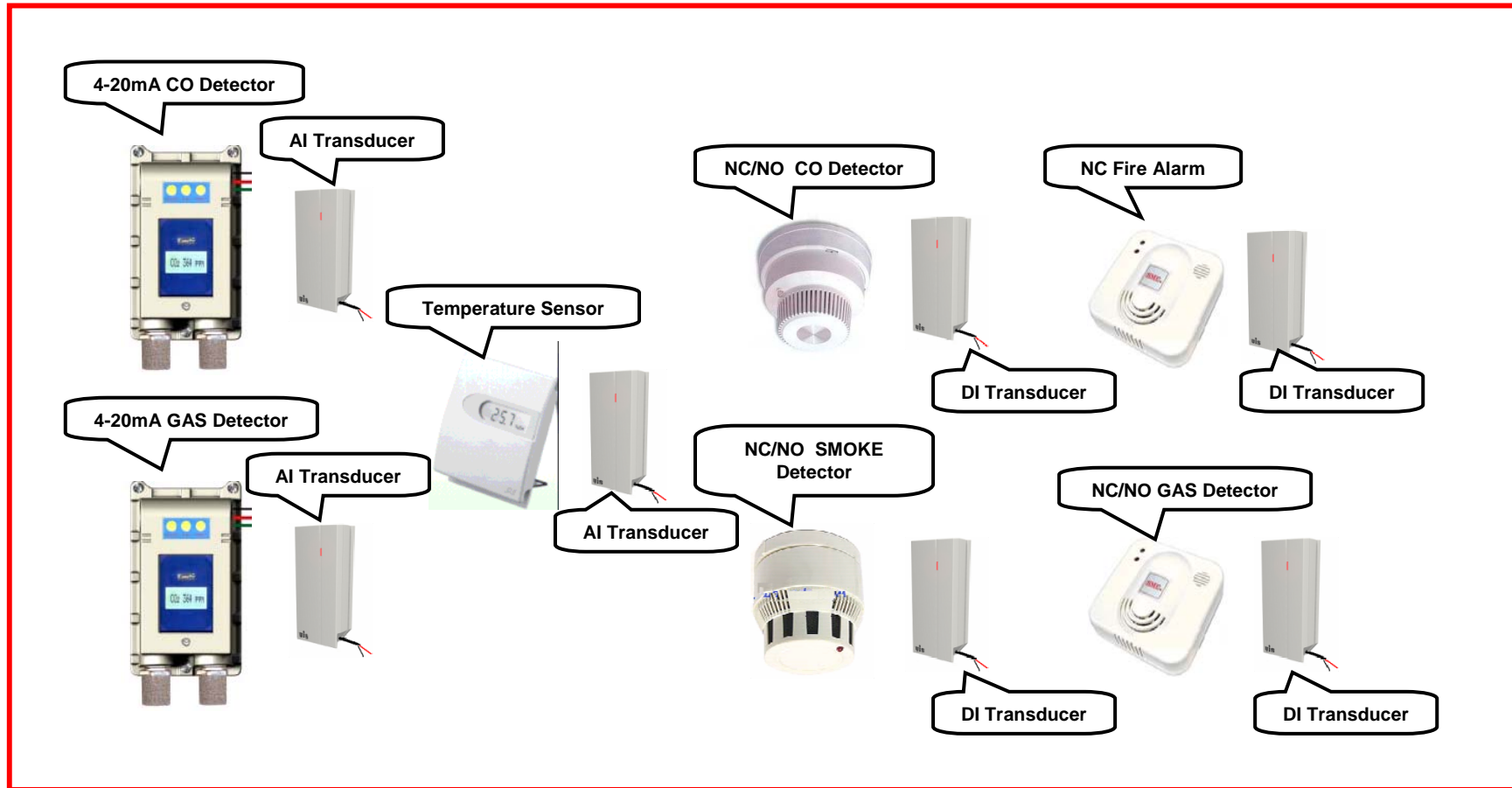
	<u>PIR Motion Sensor 0001-000706</u>
19°C	<u>Temperature Sensor 0001-000308</u>
	<u>DI Transducer 0001-001208</u>
	<u>Contact Sensor 0001-000110</u>
	<u>Smoke Sensor 0001-000928</u>

disconnected, has to re-do the binding with Repeater (or, you may have to delete it first)

Content

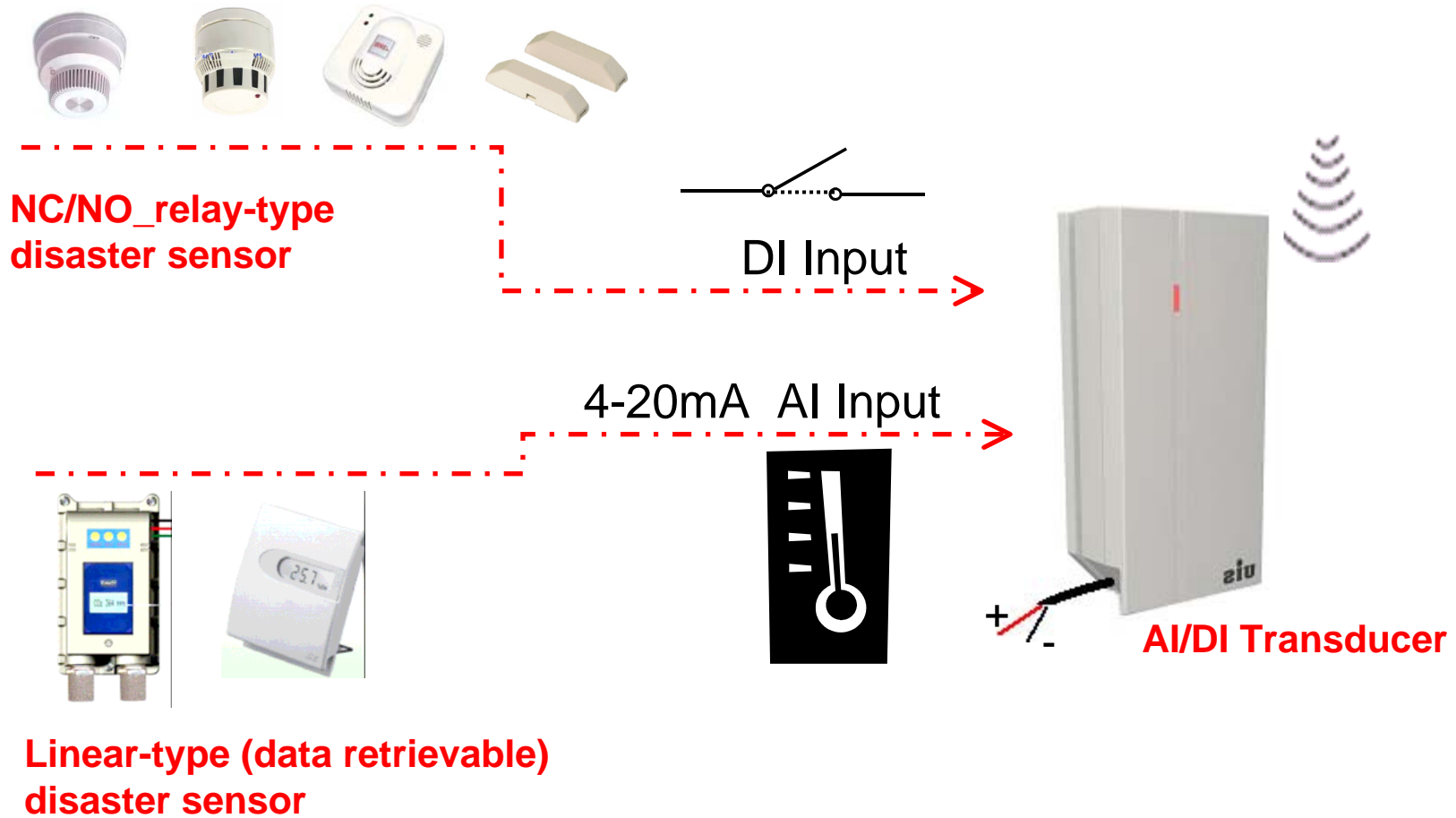
- 1. System Installation Guide**
- 2. User Operation Guide**
- 3. Troubleshooting Guide**
- 4. Application Guide**

AI/DI Transducer Applications

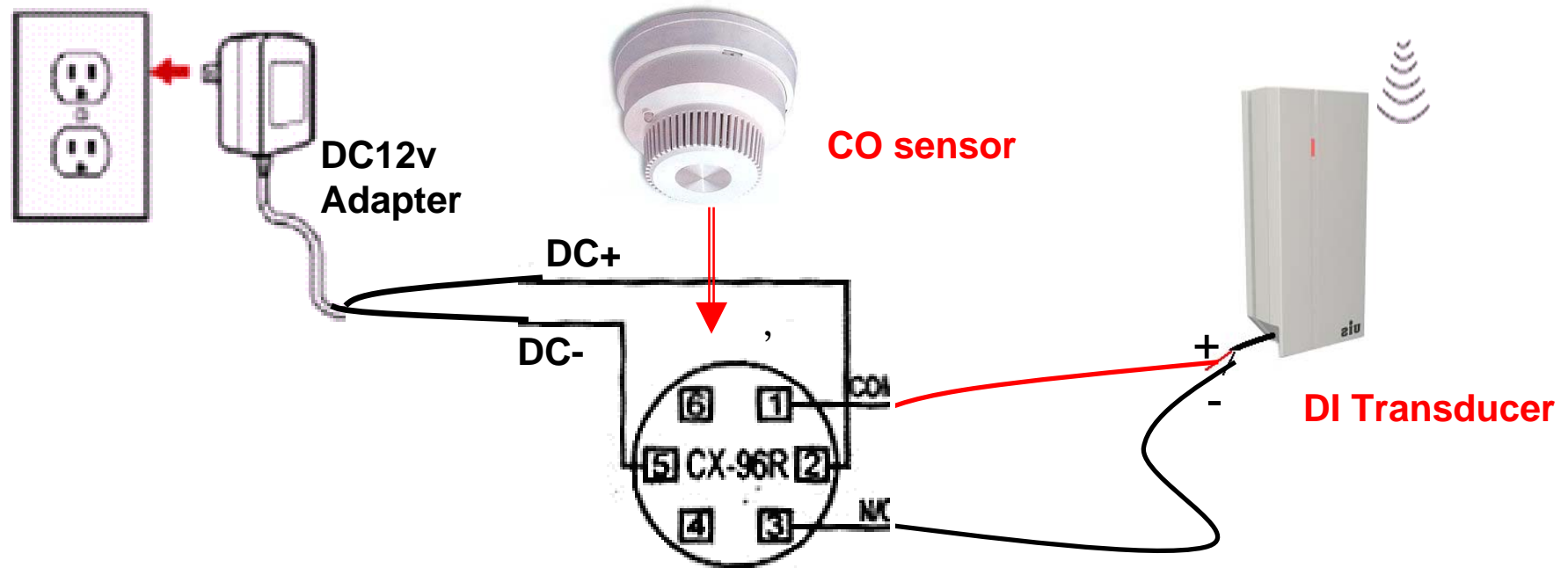




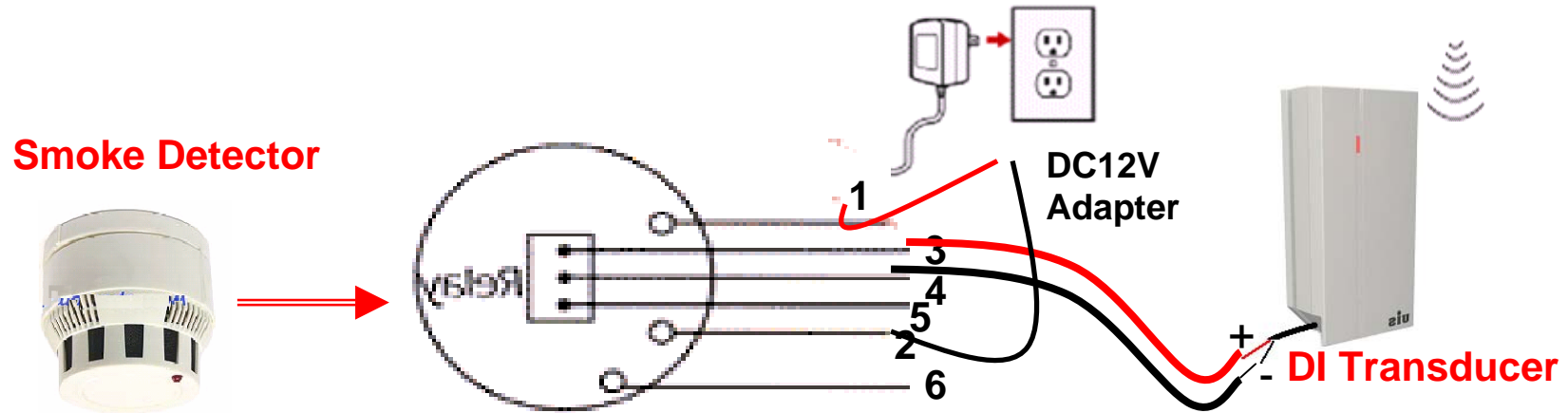
AI/DI Transducer Applications



AI/DI Transducer Applications

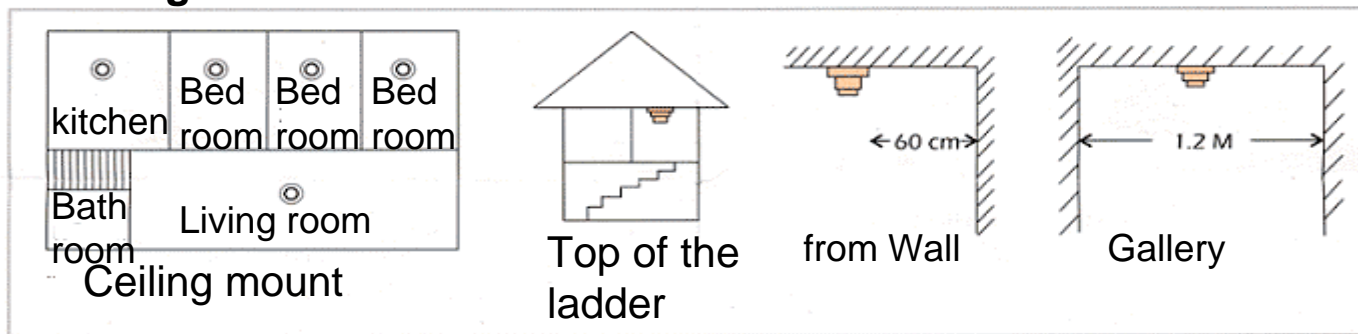


AI/DI Transducer Applications

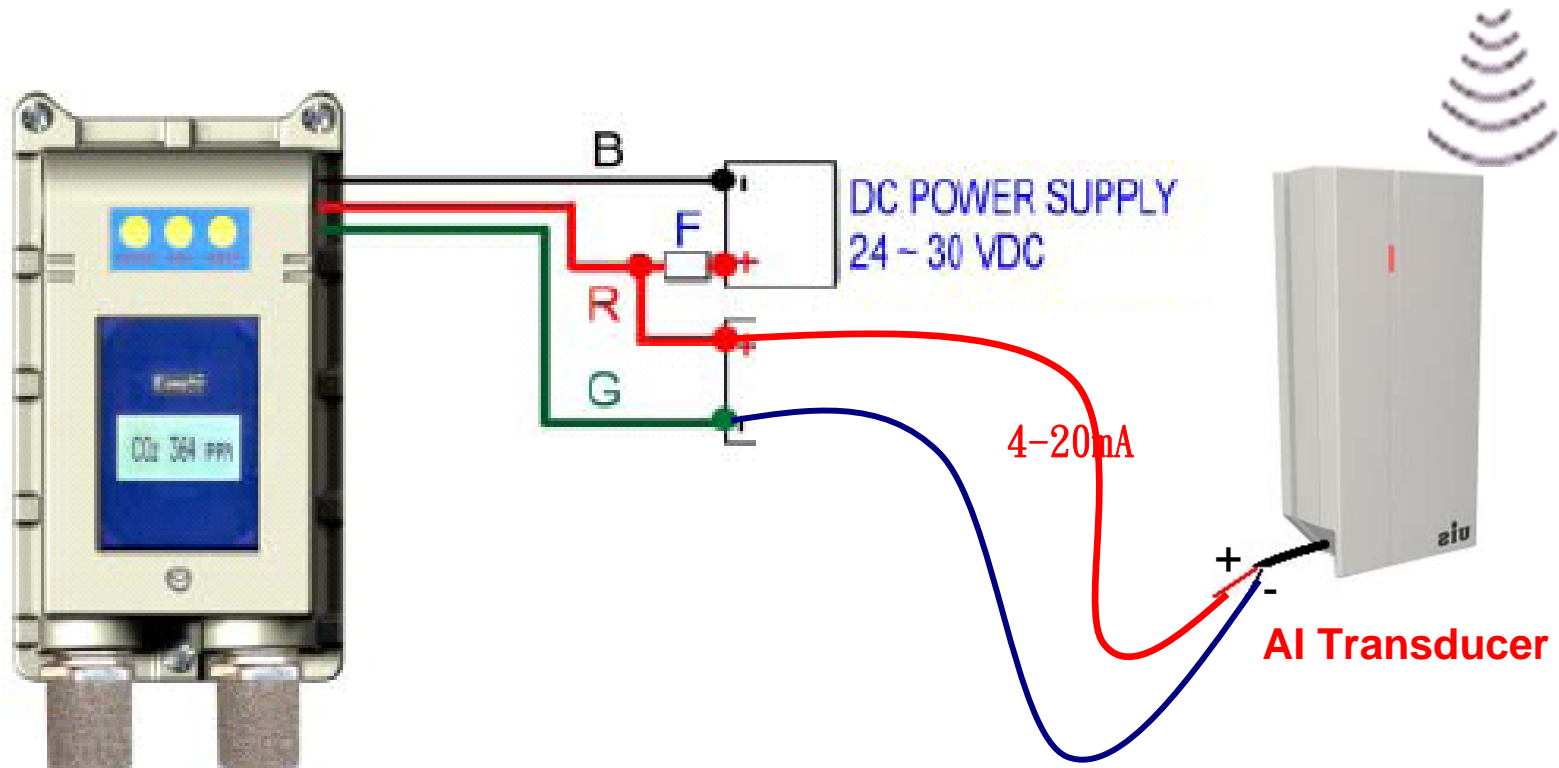


Colour Cores: 1. Red (DC-12V) 2. Black (Negative) 3. White (Normal Open)
 4. Blue (Common) 5. Green (Normal Close)
 6. Yellow (for Remote Indicator)

Installing location



AI/DI Transducer Applications



Symbol description :

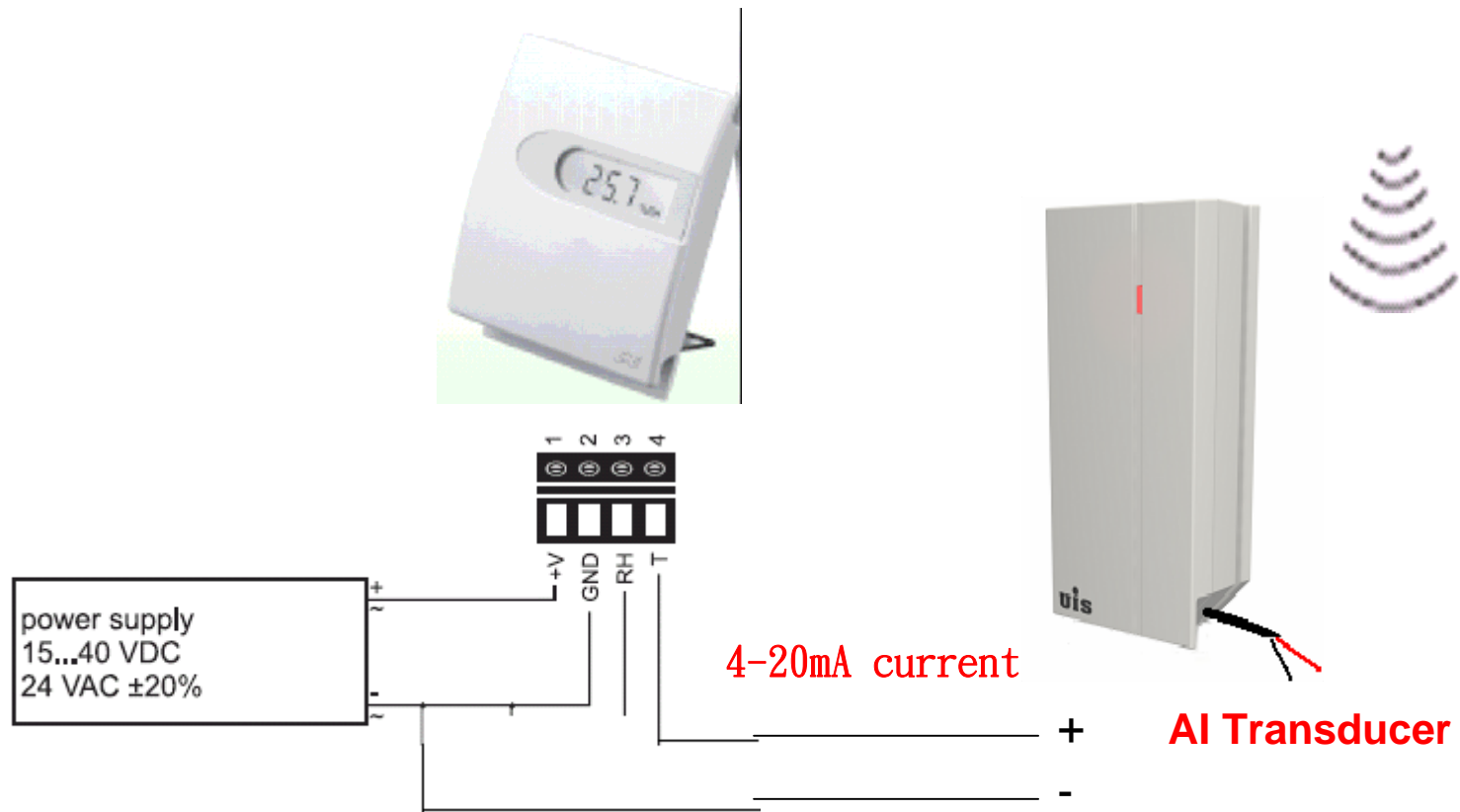
DC POWER SUPPLY : 24VDC ~30VDC ◦

AI Transducer : To transfer 4 ~ 20 mA current to wireless digital datat ◦

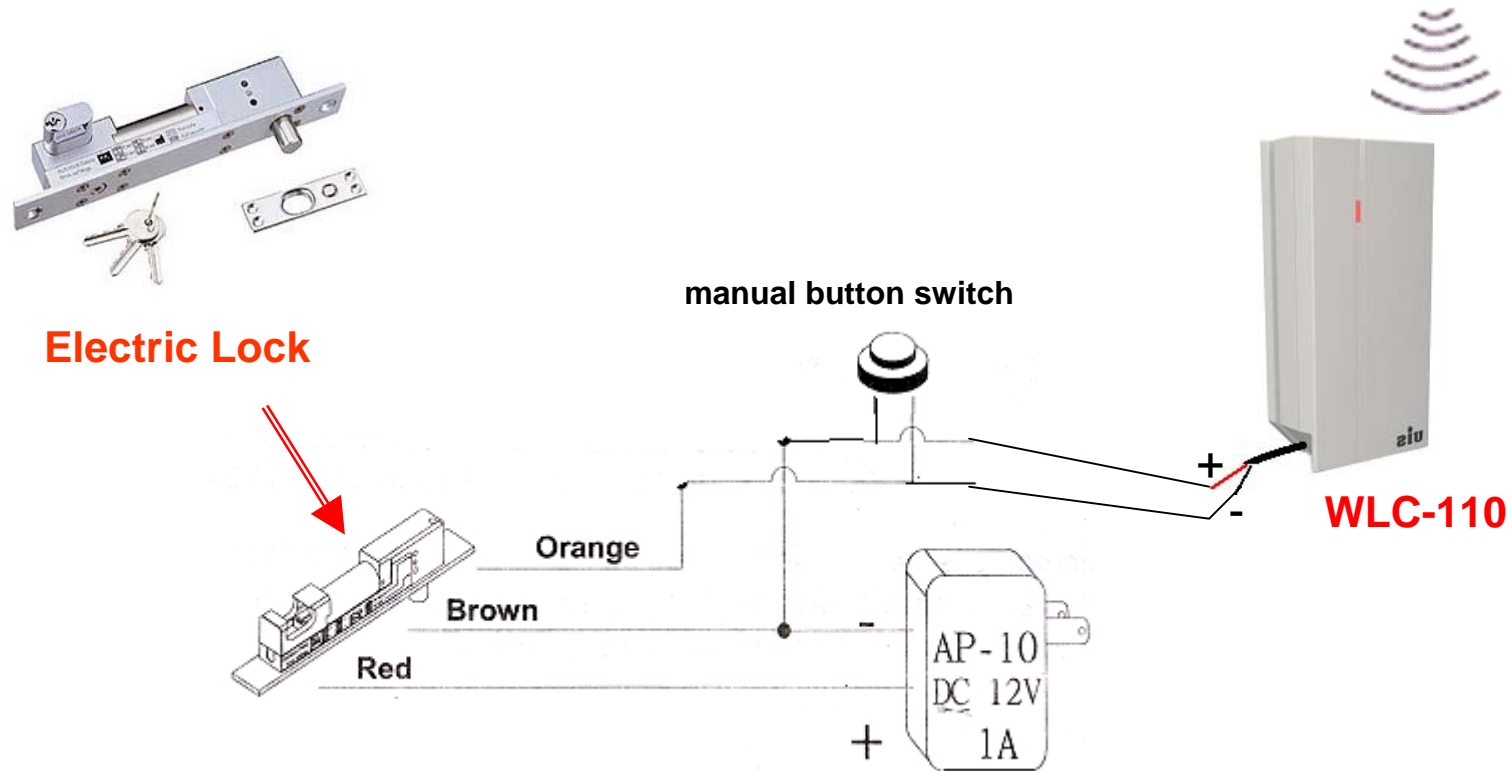
B : Black wire R : Red wire G : Green wire

F : Fuse GTF200-FL **recommend** adopt 0.2A or 0.1A Fuse

AI/DI Transducer Applications



To transform the Temperature Sensor signal into wireless control signal by using AI Transducer(4-20mA).



To transform a conventional Electric Lock signal into wireless control signal by Lock Controller

CAUTION !!

- Risk of explosion if battery is replaced by an incorrect type
- Dispose of used batteries according to the instructions



3G WWAN Cards Purchase Inf.

- 3G express card is an option for customer to purchase from the third-party (non-UIS product), it's highly recommended to choose from UIS's AVL suppliers.
- 3G WWAN cards support list of WG-110

Brand	Model Number	FCCID Number
Option NV	GE0441	NCMOGE0441
Sierra Wireless Inc.	AirCard 880E	N7NAC880E

- The customer should purchase the 3G WWAN cards which shall be FCC approved.
- 3G WWAN cards must not exceed a maximum ERP of 1.5W for part 22H.
- 3G WWAN cards must not exceed a maximum EIRP of 2W for part 24E.

The End