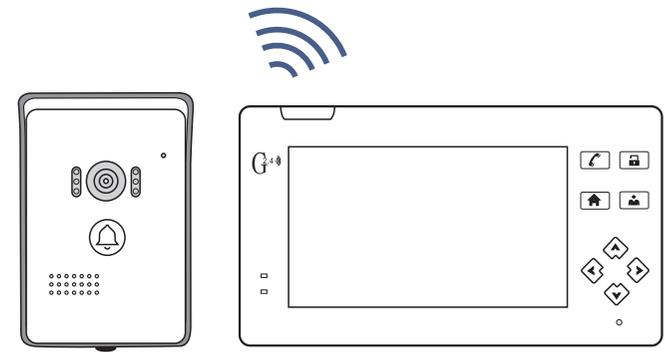**2.4GHz Digital**

Wireless Video Door Phone

User Manual

✦ Thank you for purchasing our product.

✦ Please carefully read this user manual before using the product and follow the manual to install and operate

Contents

12.Failure diagnosis

Malfunction	Checking&Debug
The image is flashing or noisy	Make sure the battery electricity is enough (one electricity grid at least)
Fail to start the products	Make sure the battery switch is "ON"or connect the adapter to check all functions are working well.
Fail to charge	1.Make sure the adapter and data cable in right way. 2.Make sure the power indicator in working mode. 3.Make sure the battery is ok for indoor &outdoor.
Outdoor camera/ indoor monitor can't hear each other	1. Make sure in quite environment and keep away in relative distance. 2. Make sure the volume in right place.
Noisy	Keep indoor monitor away from outdoor camera in 5 meters or lower the volume.
Too dark of screen	Make sure the outdoor camera installation in back light environment or adjust the brightness of indoor screen.
Fail to unlock	1.Make sure the outdoor camera is not far away from the lock, avoid metal barriers. 2. Make sure the wire connection is correct. 3.Make sure the product and lock is working well.
No signal for indoor monitor, wireless distance is too near	Keep the product far away from strong magnetic space.
Outdoor camera can't call indoor monitor	1.Make sure the power indicator is on,if the battery electricity is not enough,will fail to call. 2. Make sure the battery electricity is enough ,or the power adapter is connected. 3. Make sure the switch to code is correct. 4. Check the indoor monitor signal indicator(18) is flash or not.

G. Power-saving mode switching (outdoor unit)

   Power-saving mode switching into non power-saving mode: under the power-saving model, keep pressing the bell button for 8s,then the outdoor unit will switch into non power-saving model (The effects can be seen after the Indoor unit called through by the outdoor unit),it is same method for non power-saving mode switch power-saving mode. The above method of operation is limited to the Li-battey power alone.

9. Specification

Outdoor camera

Power supply	Input: 100V-240V 50/60Hz Output :DC13V - 1.3A or BL-5J 1320mAh Li-battery	Camera	CMOS 300,000 pixels
Size	128×96×36 mm	Light source	5 LED lights
Charging time	3 hours	Standby	more than 90 days

USB Power	Input : 100V-240V 50/60Hz Output : DC 5V/1A	Screen	7"TFT 800×480
Size	236×132×18 mm	Battery	1320mAh Li-battery (optional)
Charging time	3 hours	Standby	depend on battery capacity, suggest to connect power adapter if standby longer time.

10. Working environment

 （1）Working temperature: 15℃— +55℃   （2）Working humidity : ≤85%

11. Notices

 （1）Please don't cover anything on the Microphone or speaker when it is in working mode.

 （2）Please always use the specified power adapter,or that with the same model.
    (same standard voltage and current)

 （3）Do not attempt to service this product yourself as opening or removing covers may
      expose you to dangerous voltage or other hazards.

 （4）Please carefully read use manual before using the product and follow the manual
      to install and operate,any questions,please call our technical support office.

 （5）Please connect indoor monitor to power adapter when it is in non-movable mode.

 （6）Please connect indoor monitor &outdoor camera to power adapter when additional
      indoor monitor,to make sure the signal connection is correct.

1. Instruction

The product is applicable in office,house,apartment,hotel,building

and so on.

The outdoor camera is easy to install and indoor monitor is portable.
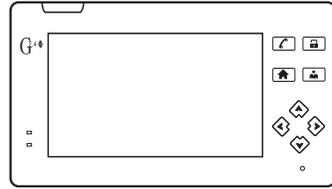
It can be hung on the wall,or be placed on the desk.

2. Features

（1）2. 4GHz digital frenquecy hopping and encryption technology,
      Transimission distance up to 200 meters in free field,robust and
      anti-interference.

（2）Clear night vision can capture image in low-illumination enviroment.

（3）7inch TFT color panel for indoor monitor.

（4）Waterproof and moisture of outdoor camera.

（5）Surveillance, unlock, hand-free call and talk.

（6）16 chord melodies and melody volume is adjustable.

（7）Date and time shown in screen.

（8）Indoor monitor with photo memory and video memory,could
      take photos or videos automatically, the date and time will show
      when browse the photos or videos. It could store up to 100 photos
      or support TF card, maximum 32G.

（9）Contrast,brightness and talk volume is adjustable.

（10）BL-5J battery of camera and monitor is replacement and rechargeable.

（11）Wireless unlock supports power on and power off unlock.

3.Standard package accessories

(1)Outdoor camera

（2）Indoor monitor

(3)SD / TF card
(built-in)

（4）Power adapter for indoor monitor Input ：100V~240V 50/60Hz Output：5V/1A	（5）Indoor / outdoor unit BL-5J battery (optional)	（6）Power adapter for outdoor camera	（7）Bracket for indoor unit
（8）Dust cover for outdoor unit	（10）Key for outdoor unit Screw /stopper/ lock connection cable		(11)User manual

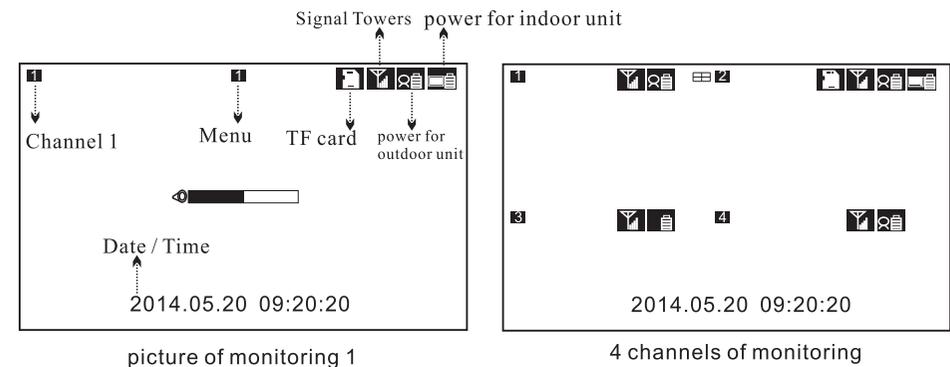（Note:Battery can be optional if the indoor unit without battery from factory）

Brightness / contrast / volume control - select camera1（1）   Brightness / contrast / volume control （2）

F.Monitor/Camera screen section

Signal Towers power for indoor unit

Channel 1   Menu   TF card   power for outdoor unit

Date / Time

2014.05.20 09:20:20
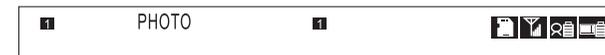
picture of monitoring 1

2014.05.20 09:20:20

4 channels of monitoring

Adjust the talk volume

Under surveillance and intercom mode,press ◈ (left button)firstly,then press◈◈ button to adjust the talk call volume

Under surveillance and intercom mode,press ◈ button to take photos.Top left of the screen appears "PHOTO" flashes, photographed completed.Back to the main menu, press ☎button.

PHOTO

Under surveillance and intercom mode,press ◈ button into the recording mode. Screen appears "Standby",while the bottom right of the screen appears red dot indicates in recording.If the lower right always show "Standby",means not enough memory. press ◈ buttonto cancel.Back to the main menu, press ☎button.

D. Photo / Video section

(1) Photo / video browsing

Photo /Video

After entering the video interface,press the ⬡ ⬡ button to find the video playback time period; and press ⌂ button into view. The lower right corner with red ▶ icon when playback.

Photo / Video Interface

SELECT ← → ↑ ↓ ENTER OK

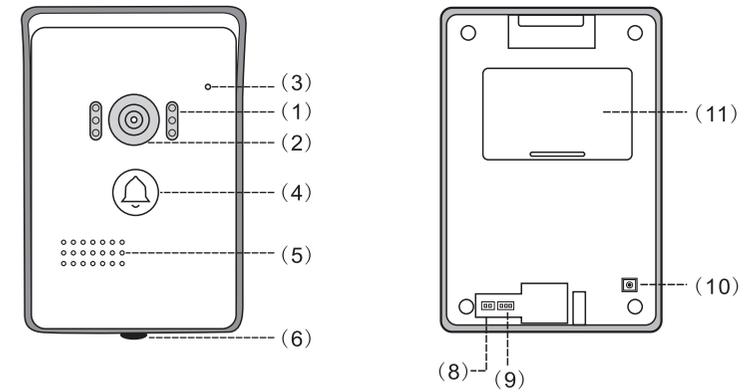| 🖼 20140520 | ✕ |
🖼 20140520	✕
🖼 20140520	✕
🖼 20140520	✕
🖼 20140521	✕
🖼 20140521	✕
🖼 20140521	✕
🖼 20140521	✕

View photos/Delete photos

Select the image browsing page,press ⌂ enter image browsing page,press ⬡ ⬡ button to up and down choosing,press ⌂ button to enter photos folder,press ⬥ button till appear ✕ .then press ⌂ button delete the photos.press ☎ button to return.

E. brightness / contrast / volume settings section

(1)brightness / contrast / volume adjustment

In the main menu, select the brightness / contrast / volume adiust，Press the enter key ⌂into the camera channel selection interface (1).select the channel which need to be adjusted,and after press the ⌂ button to confirm,enter channel (2),press ⬥ ⬥ button to select brightness/contrast/ volume adjust,press ⬡ ⬡ button to switch brightness / contrast / volume,press ⌂ button to confirm.

4.outdoor unit

(3)
(1)
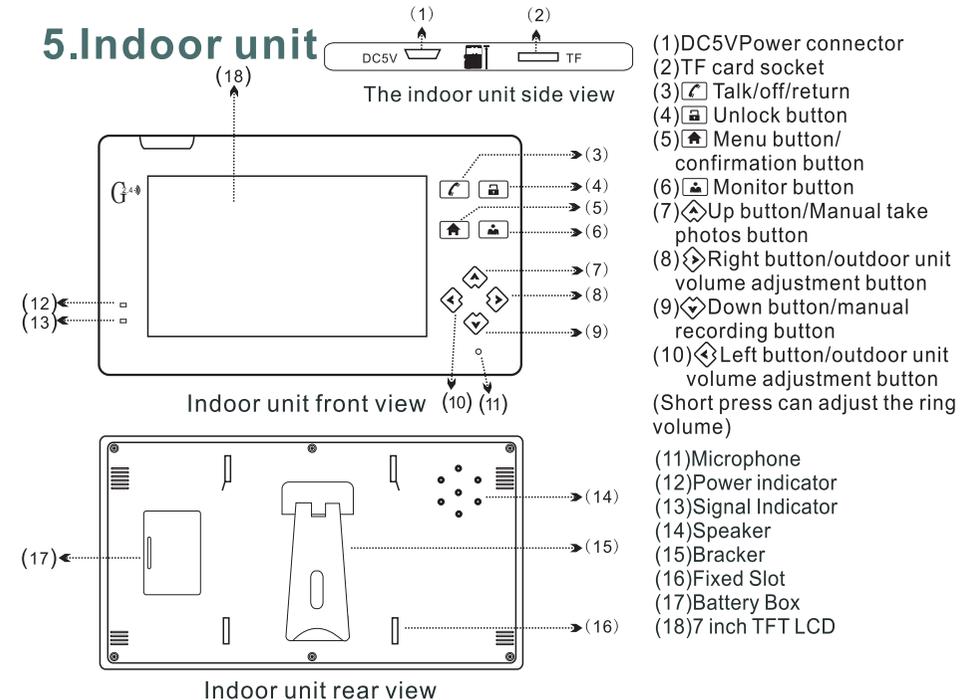(2)
(4)
(5)
(6)

(11)
(10)
(8) (9)

(1)IR light   (2)Camera   (3)Microphone
(4)Bell button/Power-saving switch   (6)Speaker   (7)Lock connector/screw
(8)power DC13V/1.3A   (9)E- lock /magnetic lock connection
(10)Code switch   (11)Battery Box

Mark: Press the (5) button for 8s can switch to power-saving (non power-saving) mode of the outdoor unit (without using adapter)
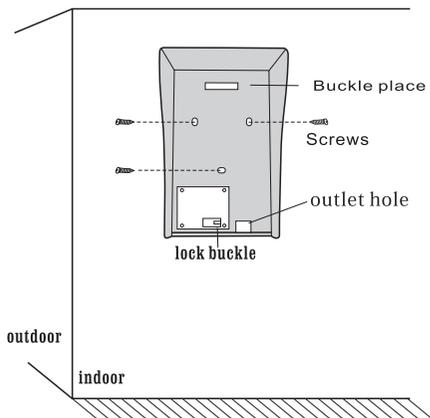
5.Indoor unit

(1)   (2)
DC5V   TF

The indoor unit side view

(18)

(3)
(4)
(5)
(6)
(7)
(8)
(9)

Indoor unit front view (10) (11)

(12)
(13)

(17)
(14)
(15)
(16)

Indoor unit rear view

(1)DC5VPower connector
(2)TF card socket
(3)☎ Talk/off/return
(4)🔓 Unlock button
(5)⌂ Menu button/ confirmation button
(6)📷 Monitor button
(7)⬡Up button/Manual take photos button
(8)⬥Right button/outdoor unit volume adjustment button
(9)⬡Down button/manual recording button
(10)⬥Left button/outdoor unit volume adjustment button
(Short press can adjust the ring volume)

(11)Microphone
(12)Power indicator
(13)Signal Indicator
(14)Speaker
(15)Bracker
(16)Fixed Slot
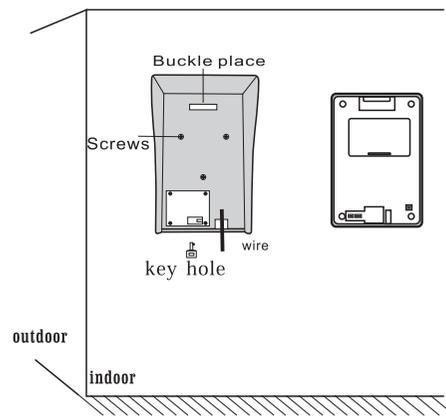(17)Battery Box
(18)7 inch TFT LCD

6..outdoor unit installation method

Outdoor unit should be installed avoid direct light shinning or rainning, and make sure less obstacle between outdoor unit and indoor unit,otherwise the signal will be attenuated.The place for indoor unit adjust according to the signal.proper installation height around 1.5m,if the cable need go cross the wall,the plug must be packaged with tape,avoid sediment into the plug inside and cause failure. (The signal light(18) of the outdoor unit will flash when outdoor unit and indoor unit detectedsignal ,indoor unit signal full scale grid is the best match point)

1.Fix the rain cover and bracket with screws

2.Make the wire through the rain cover and bracket,and connected to the terminal block on the outdoor unit.and put the unit back to the buckle place,final locked bytheft lock.

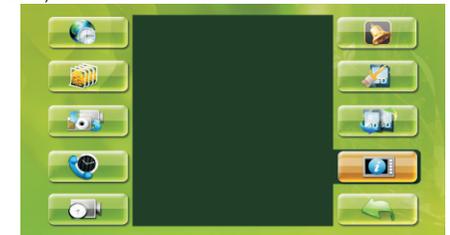Buckle place

Screws

outlet hole

lock buckle

outdoor

indoor

Buckle place

Screws

key hole

wire

outdoor

indoor

(9)Information/Code setting

Select the [ ] button as picture in Picture 7-1,and press the button [ ] to check the indoor unit information.
When need to code, please enter setting surface(As Picture 7-2),and keep pressing [ ] button for 5s, and enter the surface as Picture 7-3 to press the [ ] button to confirm; At this moment, it will shows″Pairing.....″while holding down the code button of outdoor unit, display pairing ok(success of the code),display pairing fail(failure of the code).Press [ ] button to return the setting interface, 7-4 Pictured clear the code, select ″YES″ and press[ ] button to clear all codes, ″NO″ will not.
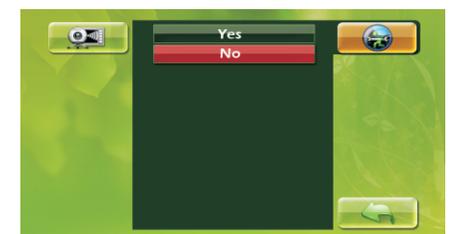
Door bell AP V0.0
STA. V0.0
SD card Info
1.86GB

picture 7-1

picture7-2

Yes
No

picture 7-3

Yes
No

picture 7-4

Explanation :The machine is used in stealth mode for code, prevent accidental deletion, must code before used.(the indoor unit and outdoor uint have code when factory delivery):if add more outdoo ruint,must set code.

C.Monitor section

(1)Monitor channel Setting

Monitoring channel selection

SELECT   ENTER OK

Monitoring channel has 1/2/3/4 / and four split screen .When only one outdoor unit, select [ ]to choose channel.press[ ]button to confirm.Can choose [ ] [ ] [ ] channel when you have more wirless outdoor uint.When required for monitoring a plurality of screens,can use [ ] four split screen while monitoring.

(5)Recording time setting

Select the [icon] key surface, press △▽button to switch the length of recording time (5s/10s/30s/60s), press [icon]key to confirm, press [icon] button return to setting page,as picture 5.

Picture5

(6)Melody ringing setting

Select the [icon] key surface, press △▽button to switch the built-in 16 ringings for calling , press [icon] button to confirm , press [icon] return to setting page as picture , 6-1.6-2.

Picture 6-1

Picture 6-2

(7)TF Coverage(Be careful operation)
Select format/TF card Coverage icon,press[icon]to enter,and press △▽ tochoose Yes/No,finalPress [icon] to confirm.
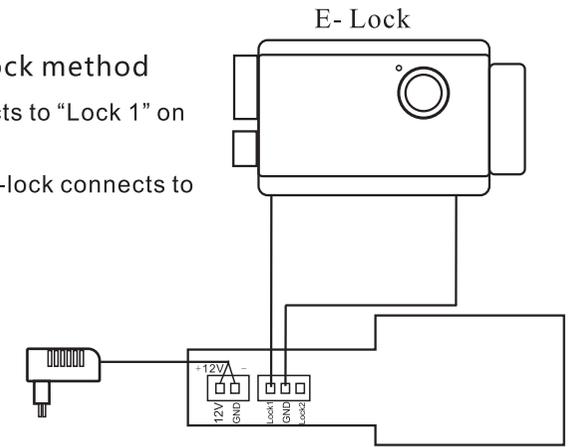

Formatting

SD cover

7.Locks installation

A.E-lock,power on unlock method

1.Anode"+" on E-lock connects to "Lock 1" on outdoor unit

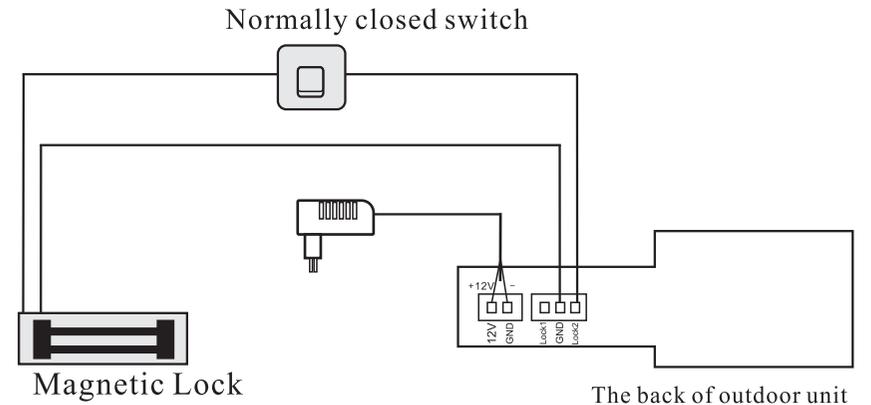Negative electrode "-" on E-lock connects to " GND" on outdoor unit

E- Lock

The back of outdoor unit

B.E-lock & magnetic lock,power off unlock method.

1.Anode "+" on magnetic lock connects to "Lock 2" on outdoor unit.
Negative electrode"-" on magnetic lock connects to "GND" on outdoor unit, normally closed.as following:

Normally closed switch

Magnetic Lock

The back of outdoor unit

8. Indoor unit operation

Note :when the system is in working condition,if there is no barrier between indoor unit and outdoor unit,must keep 3-6m to aviod the "whistle"sound.
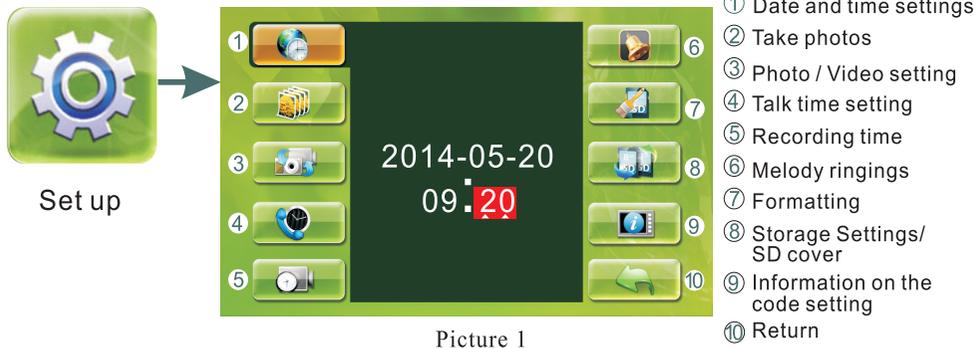
A. Main Menu

(1) Channel selection
(2) Photo / Video
(3) Brightness / contrast / sound
(4) Set up
(5) Return

B. Setting

(1) Date and time

Set up

2014-05-20
09.20

① Date and time settings
② Take photos
③ Photo / Video setting
④ Talk time setting
⑤ Recording time
⑥ Melody ringings
⑦ Formatting
⑧ Storage Settings/ SD cover
⑨ Information on the code setting
⑩ Return

Picture 1

The indoor unit in the case of non-intercom, press 🏠 button to enter the main menu, press ◇ button to ⚙ interface,press🏠button to enter the setting page as picture 1. Select 🌐 ,press 🏠 to select the date / time settings, press ◁▷ button to set Time / Date , press △▽button to change year / month / day.

(2)Photo burst setting

Select 📋 the key surface, press△▽to select Photos burst setting,press🏠button to confirm ,press◿button to return the setting page, as picture 2.

Picture 2

(3)Photo / video setting

Select 📷 the key surface, press △▽ to switch photo/ video setting ,press 🏠button to confirm, press ◿ button to return to settings page, as picture 3.

Picture 3

(4)Talk time setting

Select 🕐 the key surface, press△▽to switch Talk Time(30s/60s/120s/180s), press 🏠 button to confirm, press ◿ button to return to settings page, as picture 4

Picture 4