Videotek Company Limited

VT-7106 Users manual

Document name   : <u>Technical Instructions</u>

Document   NO.   : <u>VT1.7106.000CS</u>

Version   : <u>01</u>

Compiler   : <u>Luoxiangrong</u>

Checker   : _____

Authorizer   : _____

Commencement date: <u>On November 8,2013</u>

Distribution NO. : _____

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Technical Instructions

Volume   : <u>Volume Two</u>

Total Pages : 19 Pages

Total Volume : One Volume

Product NO.   : <u>VT-7106</u>

Product name   : <u>Wireless Transmission</u>

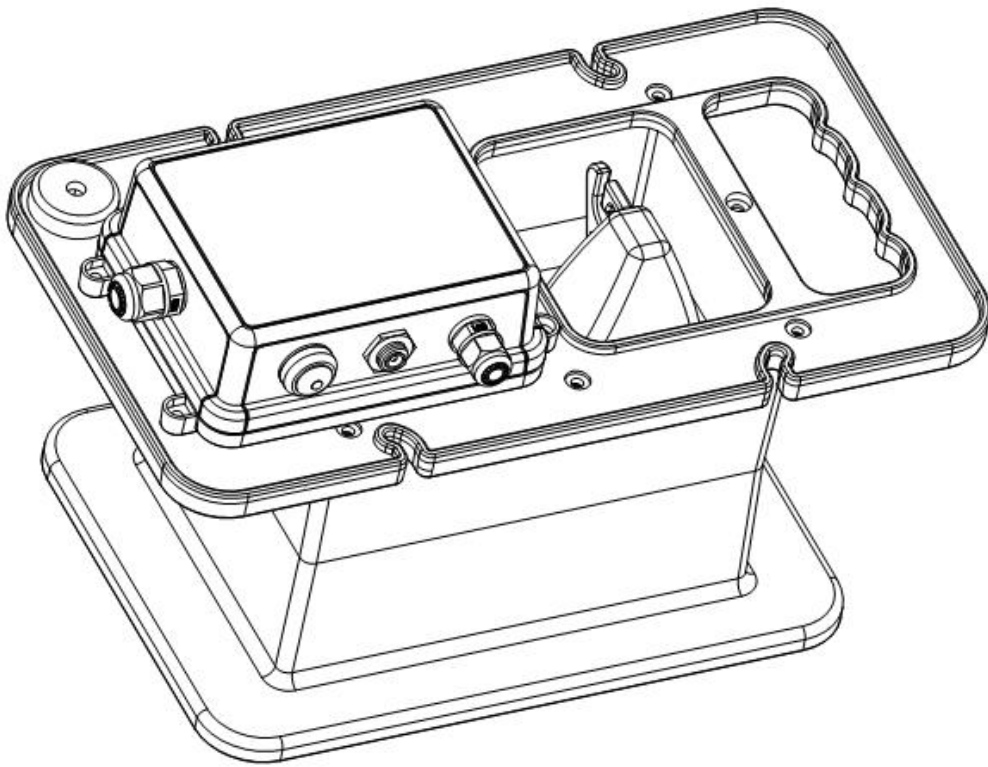Product drawing NO. : <u>VT1.7106.000CS</u>

Compiler   : <u>Luoxiangrong</u>

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On November 8, 2013

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External View

1.Subject matter and Applications

The instructions stated the series of VT-7106 is made up of WIFI image transmission;HD cameras,etc.It is a remote wireless monitoring transmitter contains image collection ,compression storage transport functions. The technical requirements include features;technical parameter;operation manual etc.The series of product of VT-7106 will display the image on the andriod/iphone/ipad etc.smart phone thru WIFI.

2.Features of 7106

2.1 Unique separating appearance design

2.2 Get the image for monitoring on smart phone or IPAD via WI-FI

2.3 Low power consumption design

2.4 Unique function of taking photos or videos via cellphone

2.5 adjust the brightness of LED via the cellphone

2.6 It can display ,monitor and storage on varies of Android cellphone and IPHONE

2.7 Transmission distance above 50M

2.8 One key to restore the factory default Settings

2.9 With the multinational languages design

2.10 short latency time when transmitting images

2.11 It can change name and password

3.Technical Data

Wireless transmitter

It is made of super compressive engineering plastic ,high efficiency power and high resolution camera etc.

3.1 Video input:Composite Video,1V(p-p)+or-20% 75 Ohms

3.2 Dimensions:IPHONE or Android etc.Varies of smart phone

3.3 System: Above Android 2.3 or IOS 6.0

3.4 wireless parameter:

Frequency range:2412-2472MHz

Wireless transmit operation mode:ieee802.11b/g/n

Receiving sensitivity:-88dBM

Maximum power supply:(16dBM)

Modulation system:OFDM

3.5 Video output: 1V(p-p)+or-20% 75 Ohms

3.6 cable length: 20M

3.7 Power supply:DC :10V-15V

3.8 Power consumption: ≤4W

3.9 Standby current:0MA

3.10 TV system：PAL/NTSC

3.11 Light button:red

3.12 Low voltage display:≤10.5V±0.5V

3.13 Waterproof standard:IP65

3.14 Operating temp:−15ºC−− +65ºC

3.15 Storage temp:−20ºC−− +70ºC 2hours, 30seconds to turn it on

3.16 Whole dimension:279mm(length)×152mm(wide)×167mm(high)

3.17 maximum transmission distance:80M

4. 7106 Operating instructions

4.1 OSD instructions

CONNECT NOW　(Connect video and display image)

SYSTEM STEP

CHANGE WIFI NAME
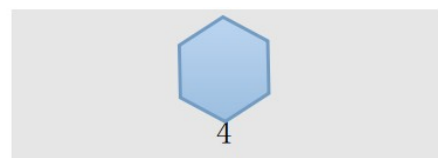
CHANGE WIFI PASSWORD

FACTORY Default

BACK

LIBRARY　(Photos or video skinning)

LED ON/OFF

I Agree

Operation Manual

4.2 Button instructions

1.Video output.Connect to the equipment with AV video display

2.Recharge socket,Intermediate for the anode.(Please use the special charger)

3.Power switch,short pressing to turn it on;Long pressing more

than 2 seconds to turn it off;3times short pressing to reset.

4.Video port.To connect the video with varies of same ports.

4.3 FISHphone WIFI wireless monitoring operation manual

1.Make sure the camera have connected with the WIFI equipment.As shown below:

2.turn on the power of WIFI equipment,the equipment include a rechargeable battery,when insert the special charger in the DC socket,it will work by recharge.A full battery can work more than 8 hours.(remark:one time pressing turn it on.more than 3 seconds pressing turn it off,three times continuous pressing reset the system.

3. On the mobile phone standby mode shown as below ,click

"settings"and set the "WIFI".

4. Click "WIFI"select the name of the wireless router.As shown

below:

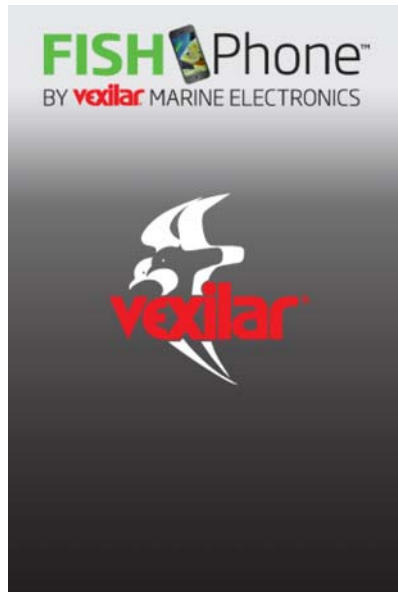5. select "FISHPhone"WIFI net,when there is a "√"on the

fishphone, wireless router has selected, then click "home" back.

6. On the mobile phone standby mode shown as below, click
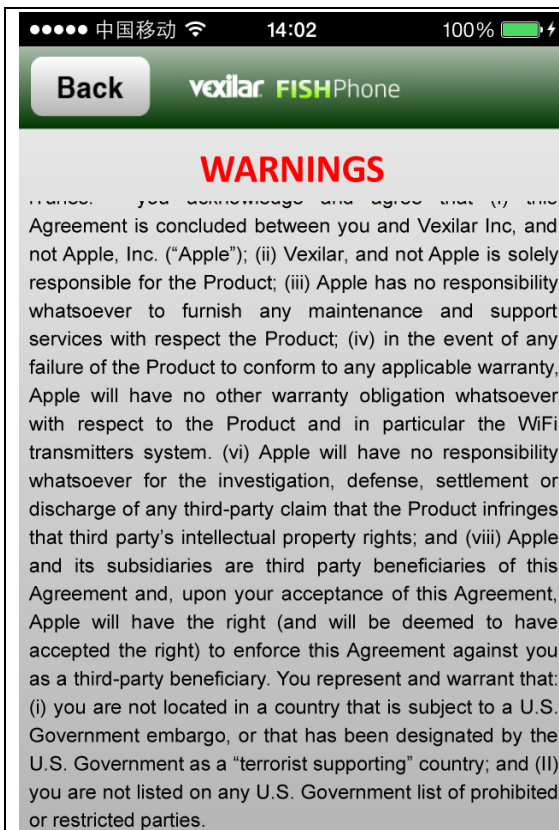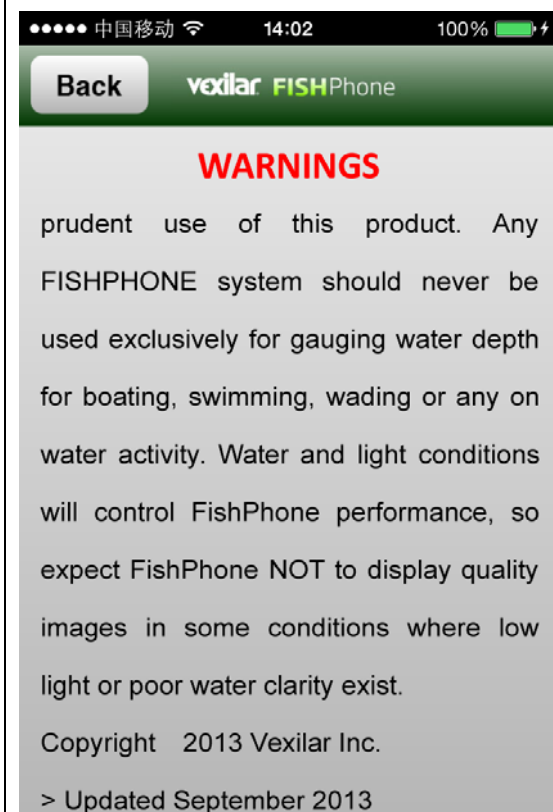"FISHPone" and enter.

7. Appeared as shown below:

(In the official version of the software, only the first time using this software will appear the following screen)

Click "click here" for end user license agreement and will show the following page, and click "back" key back.
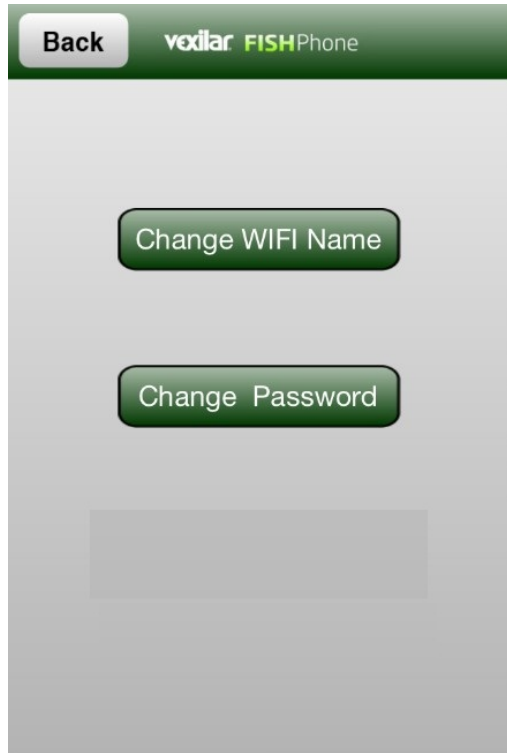
WARNINGS

Agreement is concluded between you and Vexilar Inc, and not Apple, Inc. ("Apple"); (ii) Vexilar, and not Apple is solely responsible for the Product; (iii) Apple has no responsibility whatsoever to furnish any maintenance and support services with respect the Product; (iv) in the event of any failure of the Product to conform to any applicable warranty, Apple will have no other warranty obligation whatsoever with respect to the Product and in particular the WiFi transmitters system. (vi) Apple will have no responsibility whatsoever for the investigation, defense, settlement or discharge of any third-party claim that the Product infringes that third party's intellectual property rights; and (viii) Apple and its subsidiaries are third party beneficiaries of this Agreement and, upon your acceptance of this Agreement, Apple will have the right (and will be deemed to have accepted the right) to enforce this Agreement against you as a third-party beneficiary. You represent and warrant that: (i) you are not located in a country that is subject to a U.S. Government embargo, or that has been designated by the U.S. Government as a "terrorist supporting" country; and (II) you are not listed on any U.S. Government list of prohibited or restricted parties.

Click "View Usage Warnings" and will turn to following page, and click "back" key back.

WARNINGS

prudent use of this product. Any FISHPHONE system should never be used exclusively for gauging water depth for boating, swimming, wading or any on water activity. Water and light conditions will control FishPhone performance, so expect FishPhone NOT to display quality images in some conditions where low light or poor water clarity exist.

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> Updated September 2013

Click "I agree" and will turn to following page, (In the official version of the software, only the first time using this software will appear the following screen)

Click "" and will turn to following page,

When the equipment is normal connection, the LED light will flash

rapidly,it means the system is on normal operation.

B. click the screen of monitoring enter the full screen monitoring

Click " System Setup " and show the following page.then it can set the "WIFI name" and "passwords"
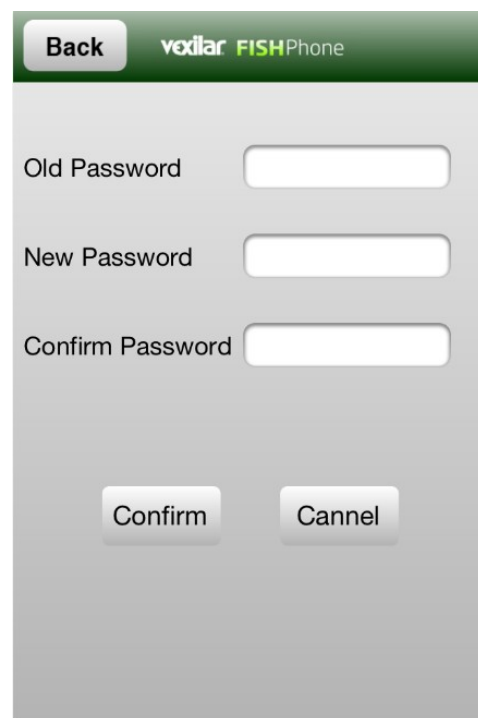
Click " Change WIFI name" and show the following page

OLD WIFI NAME will recognize automatically, generally don't have to set.

NEW WIFI NAME to modify the NAME, input the NEW NAME.

CONFIRM after input the name click this button to CONFIRM the modification.

Cannel for the cancel button, that is, cancel and return to the interface of a changed.

After the modification, the WIFI module of 7106 needs to be restarted, then search the WIFI after restarted is already a new WIFI name.

6. As shown below:

1. (LED On) the LED button of camera.

2. (📷) the button of taking monitor photos

3. ☀ ⬤━ ☀ the button of adjusting brightness of LED light;

4. (Library) Photos or video skinning

5. (Exit) exit monitoring

7. click "📷" and enter the monitoring screen to take photos, as it is shown below, when the button become red, it means monitoring photos have been taken.
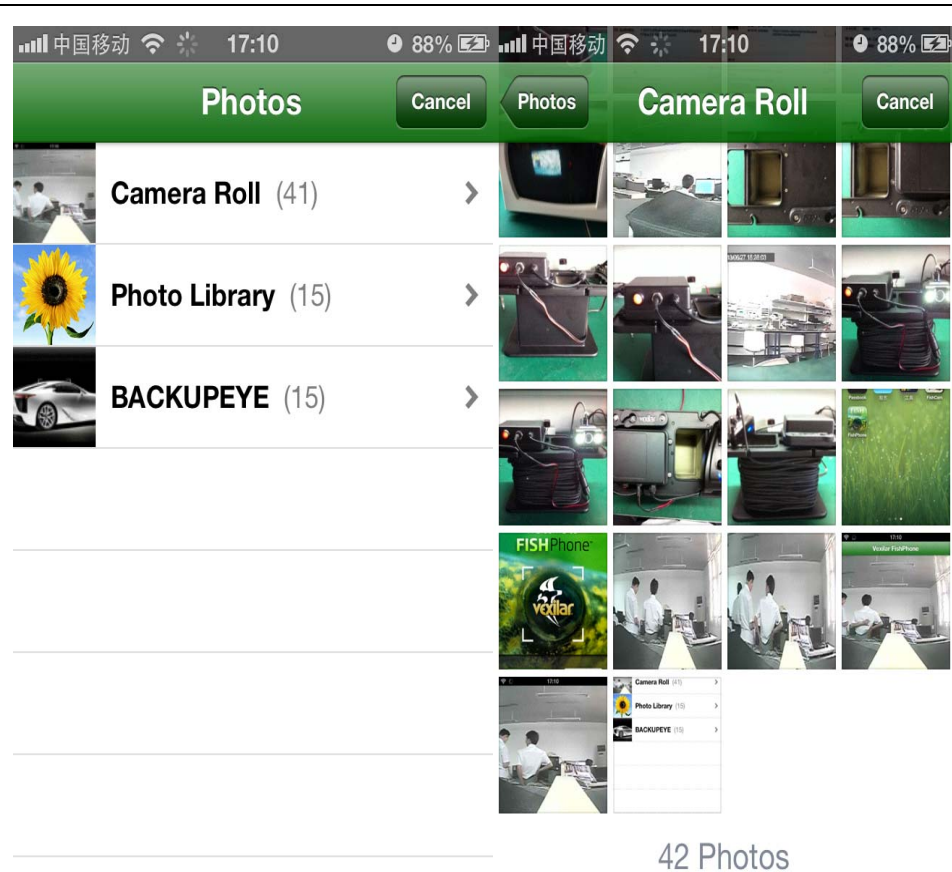
8. Click "🎞" and enter the monitoring screen to record videos, as it is shown below, when the button become red, it means recording the monitoring video. click "🎞" again stop recording.
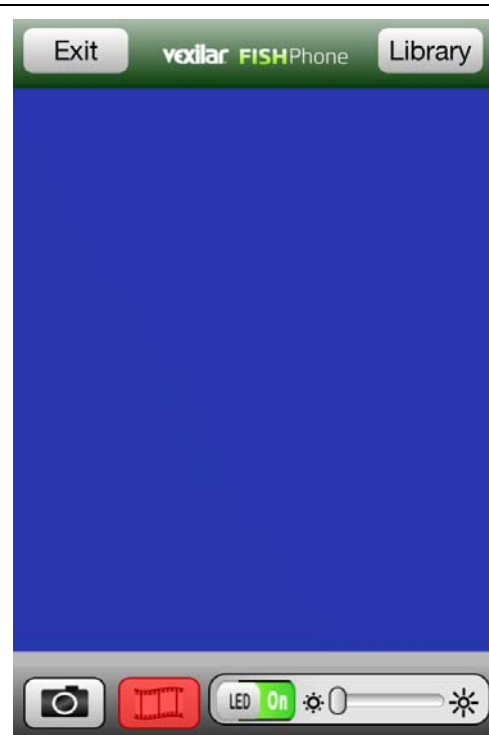
9.9.click "" and turn off the LED light of camera.click and adjust the brightness of LED light.
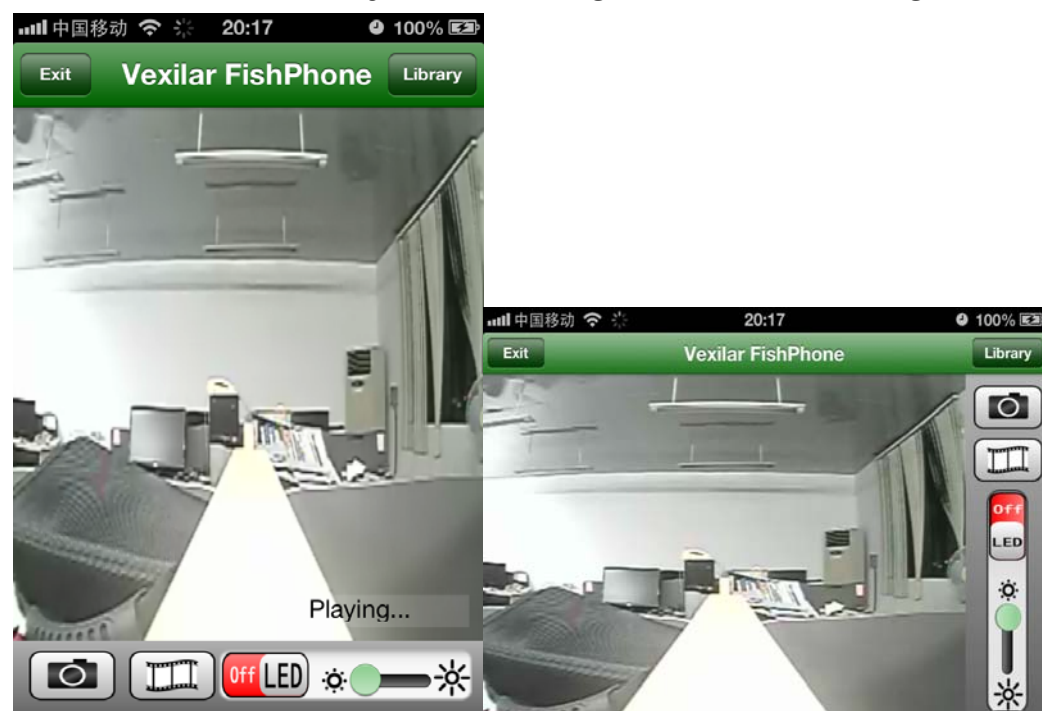
10.Click "" and enter the function of browsing photos.then click "camera roll" and browsing the photos.

13. click one photo and show below,

Click "Cancel" back to "camera roll" interface,click "choose" back to monitoring interface.