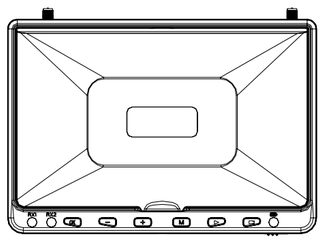
HD02(带录像)中英双语说明书　黑白印刷，成品尺寸为: 105x142mm（折页）

HD02

5.8G航拍高清液晶屏

使用说明书



5.8G 航拍 | 7" 液晶屏 | 循环录制 | 亮度 600 cd/m² | 像素 1024x600 Pixel | 立体声双喇叭 | 32GB SD卡 | 2000mAh 电池

一、概 述

5.8G航拍7英寸高清液晶屏，让你轻松拥有更好的画面，更细腻流畅的视频，更真实鲜艳的色彩。超薄机身让你携带更方便，一体式收缩遮光罩，阳光下画面依然清晰可见。（一键录像让你留下动感的影像）支持多种语言。

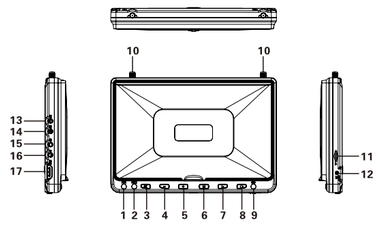
项　目		产品规格
无线接收	无线频段	ISM 5.6GHz-5.95GHz
	灵敏度	-92dB
视频输入/输出	制式	NTSC / PAL
	输出电压	1V±0.2Vp-P/75Ω
高清7英寸LCD显示屏	尺寸(Active area)	160mm(W) x 101mm(H)
	像素(Resolution)	1024 X 600 Pixel
	亮度(luminance for LCM)	600 cd/m²
	对比度(Contrast Ratio)	700 : 1
	可视角度	140/120度(水平/垂直)
录像视频存储	录像视频格式	MP4
	像素	720*576
	外置SD卡	最大32GB（选配）
音频	频率范围	20Hz-20KHz 立体声
	耳机输出	左20mW+右20mW [16O] (适用于最大音量)
	立体双扬声器	左1W　右1W
天线接口		RP-SMA
HDMI接口	C 型	
语言		多种语言
电源	工作电压	DC 7V-24V
	工作电流 (监控模式)	12V / 650mA
	工作电流 (录像模式)	12V / 780mA
	内部电池	锂聚合物电池 2000mAh
工作环境		-10℃~+65℃
整机重量		250g
尺寸: (长X 宽 X 高)		176mm x 128mm x 23mm

二、产品特性：

1. 接收机分集模式。
2. 一键信号自动搜索，操作方便。
3. 一键录像，循环覆盖。
4. 本机录像回放。
5. 遮阳罩，可拆卸。
6. 立体声-双喇叭。



三、外观示图：



① RX1信号指示灯
② RX2信号指示灯
③ 一键搜索/确认键
④ 频段选择/参数减少
⑤ 频道选择/参数增加
⑥ 菜单键
⑦ 信号切换/下翻键
⑧ 录像键/上翻键
⑨ 充电指示灯
⑩ 天线接口
⑪ SD卡插槽
⑫ 电源插孔(12V)
⑬ RX1 AV输出
⑭ RX2 AV输出
⑮ 集合信号AV输出
⑯ AV输入
⑰ HDMI接口
⑱ 电源开关
⑲ 电池仓
⑳ 立体声喇叭

四、操作说明：

1、“ok”键：

① 默认模式下：单击ok按键，即为一键自动搜索信号。

② 按“M”菜单键后，单击ok按键即为选定设置项目。

2、“－”键：

① 默认模式下：单击“－”按键为频段选择键，A-B-E-F-R 频段循环选定。

② 按“M”菜单键后，在选定参数调节项，单击“－”按键为设置参数值减少。

3、“＋”键：

① 默认模式下：单击“＋”按键为频道选择键，1-8 频道循环选定。

② 按“M”菜单键后，在选定参数调节项，单击“＋”按键为设置参数值增加。

4、“M”键：

① 单击按键进入菜单设置项-按“-”或“+”键，选择菜单页面，按“▶”或“■”键向下或向上翻动菜单项目，按“ok”键选定，再按“-”或“+”键调节选定项目参数值，再按二次“M”键返回默认界面，参数值自动保存。

5、“▶”键：

① 默认模式下：单击按键为信号源切换，分别是：DIVERSITY-RFA-RFB-REPLAY- AV IN-HDMI IN 循环选择。

② 按“M”菜单键后，单击按键“▶”为参数项目下翻键。

6、“■”键：

① 默认模式下：单击按键为录像键，再按一次为退出录像状态。按“M”菜单键退出录像界面，返回机器默认界面。

② 按“M”菜单键后，单击按键“■”为参数项目上翻键。

特别说明：

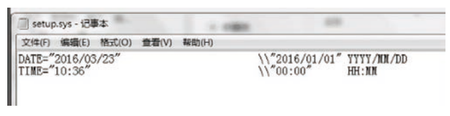
① 当不带录像款机器-选择“录像“和”REPLAY”录像回放项时，会出现无信号蓝屏提示，ANY KEY TO EXIT 按任意键返回。

② 集合信号分集模式（DIVERSITY）、RFA和RFB 模式下，射频信道的搜索功能，按“OK”键它会进入自动搜索信号状态，当某通道信号达到一定的强度时，就会停止该通道上，若图像状态差时，再次按“OK”键，自动搜索信号再次向前循环搜索，直到停止在信号强度最好，图像最清晰通道为止。如果没有找到信号时，它提示“SFARCHING”,而不显示之前的信号通道。按频段或频道键就会恢复频段和频道显示。

③ DVERSITY-分集接收模式：RFA和RFB模组屏幕显示信号强度高的模组信号，达到最佳的信号接收，对应的RFA和RFB指示灯会交替闪烁。

④ 当按“▶”键选择REPLAY-回放录像文件，进入回放状态后：显示回放界面，按“-”或“+”键选择回放的录像段，按“ok”键开始回放，按“-”键可以选择回放速度X2、X4、X8倍速回放，按“+”键可以选择后退回放速度-X2、-X4、-X8倍速倒退回放。再次按“ok”键暂停回放图像，按“M”菜单键退出回放状态。

⑤ 录像时间更新方法：在TF卡根目录建一个以 setup.sys 的文本文件，在文件中键入这样的文本:



在机器关闭电源下，把TF卡插入机器中，再开机时间就会自动更新为文本键入的日期及时间。

⑥ DC IN 电源输入：DC7-24V, 整机工作电流780mA @12V, 内置电池最大充电电流730mA @12V,设备工作时，请注意选择额定电流大于2A@12V电源。内置7.4V@2000mAh大容量聚合物电池，当电池充电的时候，设备右下角红色LED亮。充电完成后，蓝色LED亮。

⑦ 注意：当设备如果长时间不用，请3-6个月充电一次，以保持电池充电动态效能。

五、频段组和频道选择列表

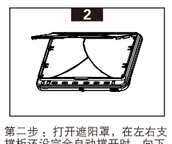
CH / GROUP	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
A	5865M	5845M	5825M	5805M	5785M	5765M	5745M	5725M
B	5733M	5752M	5771M	5790M	5809M	5828M	5847M	5866M
E	5705M	5685M	5665M	5645M	5885M	5905M	5925M	5945M
F	5740M	5760M	5780M	5800M	5820M	5840M	5860M	5880M
R	5658M	5695M	5732M	5769M	5806M	5843M	5880M	5917M

六、遮阳罩的拆卸与组装

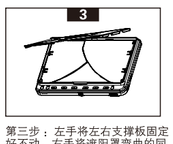
1、拆卸图：



第一步：将装配好的屏准备好放在工作台平面上。



第二步：打开遮阳罩，在左右支撑板还没完全自动撑开时，向下压平支撑板。



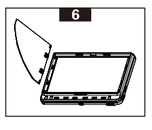
第三步：左手将左右支撑板固定好不动，右手将遮阳罩弯曲的同时将右端扣位从卡槽内拔出。



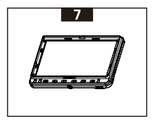
第四步：在完全拆掉遮阳罩的情况下，左右支撑板将自动弹开。



第五步：先稍微用力将右支撑板两侧的限位扣从卡槽里退出，然后再退掉两处弹簧扣即可。



第六步：先稍微用力将左支撑板两侧的限位扣从卡槽里退出，然后再退掉两处弹簧扣即可。



第七步：将完全拆卸掉的左右支撑板和遮阳罩打包收好，放到安全的地方。

2、组装图：



第一步：将装配好的屏准备好放在工作台平面上。



第二步：将装好弹簧的左支撑板准备好。



第三步：先将左支撑板上的两个弹簧对准屏上盖的弹簧扣卡好，然后固定好弹簧的同时稍微用力推动两侧的限位扣卡住即可。



第四步：将装好弹簧的右支撑板准备好。



第五步：先将右支撑板上的两个弹簧对准屏上盖的弹簧扣卡好，然后固定好弹簧的同时将稍微用力推动两侧的限位扣卡住即可。



第六步：左右两个支撑板都装配好后先将左支撑板压平，但不能用力过猛,以免损坏屏。



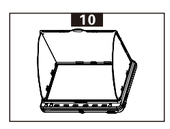
第七步：左支撑板压平后立即以同样方式压平右支撑板。



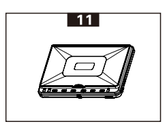
第八步：一只手将左右支撑板压平后固定好不动，另一只手将遮阳罩一端插入卡槽。



第九步：在遮阳罩一端扣位插入卡槽的情况下，在遮阳罩另一端稍微用力弯曲即可，将扣位卡入另一端卡槽。



第十步：在遮阳罩装配好的情况下，检测左右支撑板是否能可靠的支撑遮阳罩。



第十一步：把装配好的左右支撑板和遮阳罩的屏压平合拢即可组装完成。

七、包装配件：

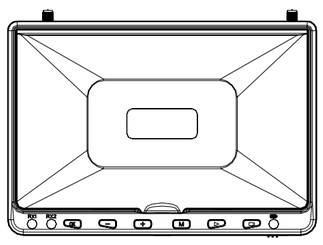
1. 主机 1台
2. 天线 2条
3. 视频输入/输出线 1条
4. 充电线 1条
5. 说明书 1份

CE 2200 FC

HD02

5.8G Aerial high-definition LCD screen

User manuel



5.8G Aerial | 7" HD LCD | Cycle Record | Luminance 600 cd/m² | Resolution 1024x600 Pixel | Stereo Speaker | 32GB SD Card | 2000mAh Battery

Ⅰ. **Overview:**

5.8G aerial 7-inch high-definition LCD screen, let you easily have a better picture, more delicate and smooth video, more real and brilliant colors. The ultra-thin main body makes you more convenient to carry, retractable sun shade makes pictures clearly visible even under sunshine. (One button to record for dynamic videos), and this device supports multiple languages.

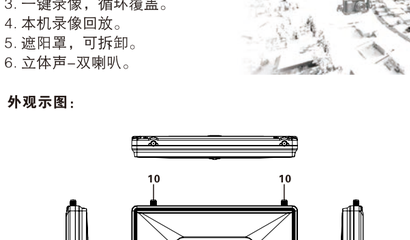
Item		Specation
Wireless receive	Frequency	ISM 5.6GHz-5.95GHz
	Sensitivity	-92dB
Video input/output	Standard	NTSC / PAL
	Output voltage	1V± 0.2Vp-P/75Ω
7-inch high-definition LCD screen	Size (Active area)	160mm(W) x 101mm(H)
	Resolution	1024 x 600 Pixel
	Luminance for LCM	600 cd / ㎡
	Contrast Ratio	700 : 1
	Viewing Angle	140/120 degree (horizontal/vertical)
Video storage	Format	MP4
	Resolution	720*576
	External SD card	Max. 32GB (optional)
Audio	Frequency range	20Hz-20KHz stereo
	Output	Left 20mW+Right 20mW [16O] (max. volume)
	Stereo double speaker	Left 1W　Right 1W
Antenna interface		RP-SMA
HDMI interface	C type	
Languages		Multi languages
Power	Work voltage	DC 7V-24V
	Current (monitor mode)	12V / 650mA
	Current (video mode)	12V / 780mA
	Built-in battery	Lithium polymer battery 2000mAh
Environment		-10℃~+65℃
Weight		250g
Size: (length x width x height)		176mm x 128mm x 23mm

Ⅱ. **Features:**

1. Receiver diversity mode.
2. One button signal auto searching, easy to operate.
3. One button to record, cycle covering old videos.
4. Videos playback by device itself.
5. Retractable sun shade.
6. Stereo double speaker.



Ⅲ. **Illustration:**



① RX1 signal indicator
② RX2 signal indicator
③ One-button research/ confirm
④ Frequency selection/ Parameter down
⑤ Channel selection/ Parameter up
⑥ Menu
⑦ Signal switch/down
⑧ Record/up
⑨ Charging indicator
⑩ Antenna interface
⑪ SD card slot
⑫ Power socket (DC 12V)
⑬ RX1 AV output
⑭ RX2 AV output
⑮ Comprehensive signal AV output
⑯ AV input
⑰ HDMI interface
⑱ ON/OFF
⑲ Battery Bin
⑳ Stereo speaker

Ⅳ. **Operation:**

1. “ ok ” button:

① Under default mode: press once to auto search signals;

② After pressing “M”menu button, press “ok”to confirm the selection;

2. “ - ” button:

① Under default mode: press once to select frequency band, A-B-E-F-R band options recycling change;

② After pressing “M”menu button, press “-”to parameter down;

3. “ + ” button:

① Under default mode, press once “+” for channel selecting mode, 1-8 channel options cycling;

② After pressing “M”, press “+” to parameter up.

4. “ M ” button:

① Press once to enter Menu setting - press “ - ” or “ + ” button for menu pages. Press “ ▶” or “ ■ ” button for going down or up the menu, press “ok”to confirm. And press “-”or “+” to adjust the selected menu parameter, and press “M”again to return default interface, the selected parameter will be auto saved.

5. “ ▶ ” button:

① Under default mode: press once to switch the signal source; DIVERSITY-RFA-RFB-REPLAY- AV IN-HDMI IN options recycling;

② After pressing “M”button, press “ ▶ ”for parameters down;

6. “ ■ ” button:

① Under default mode: press once for recording, press once again to exit recording; Press “M” to exit recording interface, return to default interface.

② After pressing “M”, press “ ■ ” for parameters up.

Special instruction:

① If there is no video in the device - select “ RECORD ” and “ REPLAY” to playback videos, there will be no signals and blue screen, then press ANY KEY TO EXIT .

②Under mode（DIVERSITY）、RFA and RFB, for searching radio

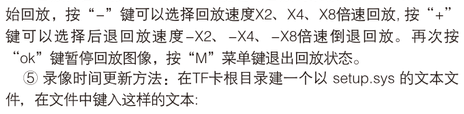
frequency channel, press “OK”for automatic searching mode,when one signal becomes intense enough, it will stop at this signal, if the video image is not good, press “ **ok** ”again to auto search signals and recycling searching, untill stop to the most intense signal, and the most clear image channel. When not find any signals, it will prompt “SEARCHING ”, and it will not show the previous signal channel. Press frequency or channel button again to show frequency or channel.

③ DIVERSITY: RFA and RFB module screen shows the most intense signal of module, in order to the best signal receiving, and the corresponding RFA and RFB indicators will flash alternatively.

④ When press “ ▶” button to choose REPLAY- playback the video files, and enter to playback mode:

when it shows playback interface, press “ - ” or “ + ”button to select the videos files, press “ **ok** ” to playback, press“ - ”to select playback speed X2、X4、X8 times playback, press“+”button to select backward playback speed -X2、-X4、-X8 times backward playback. Press “**ok**” again to pause playback, and press “ **M** ” button to exit playback.

⑤ Change recording time: under the root directory of TF card, build a “setup.sys” txt. file, and type below words:



When the device is off, and insert the TF card, turn on the device, it will automatically update to the typed date and time.

⑥ DC IN power input：DC7-24V, its working current 780mA @12V, the charging current of built-in battery is 730mA@12V, when it is working, please choose rated current bigger than 2A@12V power. Built-in 7.4V@2000mAh large capacity polymer battery. When it is charging, the bottom right LED will be on, after fully charged, Blue LED will be on.

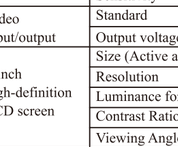
⑦ Note: When the device is not in use for a long time, please charge it once in 3-6 months, in order to keep the battery charging dynamic efficiency.

Ⅴ. **Frequency and channel options:**

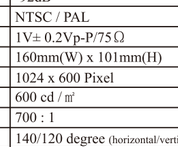
CH / GROUP	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
A	5865M	5845M	5825M	5805M	5785M	5765M	5745M	5725M
B	5733M	5752M	5771M	5790M	5809M	5828M	5847M	5866M
E	5705M	5685M	5665M	5645M	5885M	5905M	5925M	5945M
F	5740M	5760M	5780M	5800M	5820M	5840M	5860M	5880M
R	5658M	5695M	5732M	5769M	5806M	5843M	5880M	5917M

Ⅵ. **Installation of sun shading cover:**

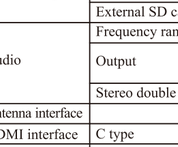
1. Disassemble:



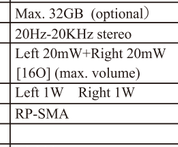
Step1: Put the assembled screen to the table plane.



Step 2: Open the sun shade, when the left and right supporting board is not completely open, down press the supporting board to flat.



Step 3: Use your left hand to fix and not move the left and right supporting board, then use your right hand to bend the sun shade and at the same time to draw out the right buckle from the slot.



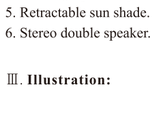
Step 4: After completely take down the sun shade, the left and right supporting board will be sprang open.

Step 5: Use a little force to drop out the spacing buckle of right supporting board from the slot, then draw back the 2 spring fasteners.

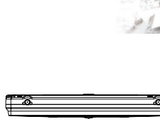
Step 6: Use a little force to drop out the spacing buckle of left supporting board from the slot, then draw back the 2 spring fasteners.

Step 7: Pack up the completely disassembled sun shade and the left and right supporting board and put them into a safe place.

2. Assembling fig.:



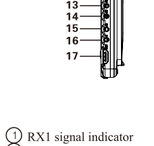
Step 1: Put the assembled screen to the table plane.



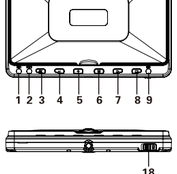
Step 2: Get ready the spring loaded left supporting board.



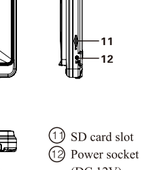
Step 3: Lock the springs on the left supporting board to the spring fasteners on the screen, at the same time of fixing the springs, and use a little force to push the two side spacing buckle and fix it.



Step 4: Get ready the spring loaded right supporting board.



Step 5: Lock the springs on the right supporting board to the spring fasteners on the screen, at the same time of fixing the springs, and use a little force to push the two side spacing buckle and fix it.

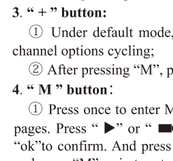


Step 6: After fixing the left and right supporting board, flattening the left supporting board firstly, but can not use too much force, to avoid any damage for the screen.

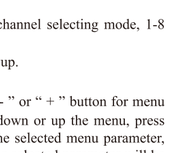
Step 7: After flattening left supporting board, use the same way to flat the right supporting board.

Step 8: After the left and right supporting board are flattened, one hand to hold them and do not move, another hand to insert one end of the sun shade to slot.

Step 9: After one end of the sun shaded being inserted to the slot, use a little force to bend the other end and insert the buckle to the slot.



Step 10: After sun shade is fixed, check if the left and right supporting board can support the sun shade reliably.



Step 11: Flatten and close the assembled left and right supporting board as well as the sun shade, then the assembling is finished.

Ⅶ. **What's in package:**

1. Device 1pc
2. Antenna 2pcs
3. Video input/output cable 1pc
4. Charging cable 1pc
5. Manuel 1pc

CE 2200 FC