

AC61

Wireless Camera BLE



AC61 is a lower power consumption BLE camera device, which can operate with internal rechargeable battery. AC61 can be installed anywhere and anytime for keeping your valuables safe. The motion (PIR) sensor is used to detect un-authorized person and camera would capture the image of the site. The Siren and Warning lights can be used to warn and alert people on-site or close by. The flashlight light up the site for better visibility.

IT'S RELIABLE

The AC61 is a high-performance, IP45 rated device. It includes an integrated BLE5.0 and a 200Mpix camera, it can communicate with BLE5.0 device.

IT'S SIMPLE

With rechargeable batteries the AC61 is easy to install on cars, trucks, trailers, warehouse, shops, homes/motor-homes, construction site, storage, valuable equipment, tool boxes and more. AC61 can be wake-up by the message come from BLE 5.0 host device.

IT'S FUNCTIONAL

The AC61 is a simple BLE camera, when the BLE host device gets any event need to capture the picture, it can trigger the BLE camera via BLE and then the BLE camera will wake-up and capture pictures send to BLE host immediately.

- BLE 5.0 for lower power consumption
- 2 LEDs status indicators for work status and BLE status.
- Camera for image capturing
- Light sensor for camera
- Infrared LEDs for the camera working in dark environment
- Flashlight for light-up the site
- IP45 sealed,
- At least 3 years of operation on battery back-up, 4 pictures capture per day.
- Configurable input for events to trigger picture capture

Specifications:

BLUETOOTH

- BLE 5.0 lower power consumption

BATTERY INFORMATION

- Type: Non-rechargeable battery
- Capacity: 3000mAh @ 3.0V

ENVIRONMENTAL

- IP45 Rating
- Operation Temperature: -30°C to +60°C
- Storage Temperature: -40°C to +85°C

PHYSICAL

- Dimensions: 57.28 x 45.92x 22mm
- Weight: ~100g
- Internal BLE Antenna

Electrical

- On-battery 3000mAh @ 3.0V
 - ✓ Sleep/Hibernate: <20uA
 - ✓ Capture picture and Reporting: 30~100mA Typical

Peripherals & Sensors

- Camera : 2MPixels
- Flashlight : 100 LUM

APPROVALS

- FCC
- PTCRB & Carrier Approved

Installation & operation:

Step 1: Power on machine

Install the battery, lock the screw, and the machine will start Power on.



1. Install the battery



2. Lock the screw

Step 2: Connect the main control device

The main control device inputs the Bluetooth ID of the machine and automatically connects the machine through Bluetooth. After connecting the machine, the main control device can control the machine, and the machine can also transmit data to the main control device.



The main control device

【★有新版V5.13.1★】SSCOM V5.10a串口/网络数据调试器,作者:习小猛(大虾丁丁),2618058@qq.com

通讯端口 串口设置 显示 终端仿真设置 多字符串 小工具 帮助

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00:00:25 ant_powerShouldBeAwake(1): PWR0:SLEEP II:BO,TO G1 ACT(TO OO PO CO MO FO SO AO) LO:TO F
00:00:25 BURXO RLTO(R0:TO) IGNO:IO, TO TIO:TO TEMPO IIO SAO AT1 PRO JD (L1:T276 AO TO:DO,BO VO:FO, TO
+QSIMSTAT: 0,0
00:00:25 ant_stmndrspParseResponseLine(16): '+QSIMSTAT: 0,0<CR><LF>
00:00:25 ant_stmndrspParseResponseLine: Response* '+QSIMSTAT

OK
00:00:25 ant_stmndrspHandleResponseChar: Final response 'OK'
00:00:25 ai_beatHandler: (0) drift is: 0 (0) <0 : 0 >
00:00:26 ant_getModemIdentification: 0 <065284041240148>
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AT+XCAGBCS00:00:27 mi_cmdHandler: From 0 rev d +XCAGBCS
00:00:27 ant_restartListenWindow: Called
00:00:27 ant_restartListenWindow: Listening window 10
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OK
00:00:27 sph_HandleCommand: cmd: 'c' ch:0, state:1
00:00:27 sph_HandleCommand bGetCameraInfo:1
00:00:27 ai_beatHandler: (0) drift is: 0 (0) <0 : 0 >
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00:00:28 sph_readAde: 0
00:00:28 sph_HandleCommand: WD Left 896
00:00:28 sph_HandleAde(03): MAIN: 11941 11.941
00:00:28 sph_HandleAde(03): BKUP: 3112 3.112

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串口号: COM4 Prolific USB-to-Seria | HEX显示 | 保存数据 | 接收数据到文件 | HEX发送 | 定时 |

打开串口 | 更多串口设置 | 加时设置 | 增加到队列 | 20 ms | 发送数据包未尾加 |

RTS | DTR | 波特率: 115200 | AT+XCAGBCS

1. Inputs the Bluetooth ID of the machine

【升级到SSCOM V5.13.1】★嘉立创PCB打样SMT贴片服务. ★RT-Thread中国人的开源免费操作系统 ★80M元器

www.daxia.com S:96 R:159523 COM4 已关闭 115200bps, 8, 1, None, None

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2. Check the connection status between the main control and the machine

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www.daxia.com S:96 R:159523 COM4 已关闭 115200bps, 8, 1, None, None

3.state=1,connect success.

Step 3: Fixed machine

Tear off the protective film on the base of the machine, paste the machine in a suitable position in the car, press the machine and fix it. Or, fix the machine on the bracket through the bottom screw hole.



Step 4: Adjust the camera angle of view

Rotate the rotating shaft to adjust the horizontal angle of the camera; Rotate the upper shell up and down to adjust the elevation angle of the camera.



FCC Regulations:

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/ TV technician for help.
- Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF Exposure compliance requirements, this grant is applicable to only Mobile Configurations. The an

ennas used for the transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.