

**Avstart**

Wireless IP Camera  
**CB205**

User manual

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**Specification**

Model	CB205
Main processor	T21N
Image sensor	1/2.9" CMOS F23
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 120°, Vertical 38°
Night vision	Dual Filter, IR-Cut, 18 pcs IR Leds
Video compression	H.264 Dual Stream
Resolution	1920*1080 @ 12fps
Audio compression	AA/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	ly 64/128-bit WEP/WPA-PSK / WPA2-PSK data encryption
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC12V / 1A
Power Consumption	< 7W
Working Condition	Temperature:-10℃~+50℃, Humidity 10%~ 95%

**Packing list**

Camera x1, Power supply x1, Instruction book x1, Screw accessory package x1, Accessories package x1, Antenna x1

**Function Introduction**

IP68 waterproof, HD, Motion Detection, Warning and playback, Loop recording, Encryption, H.264 compression, Day/night, Cloud storage

**Appearance description-front side**

Indicator, RESET, Power port, Ethernet port

Content Description  
Indicator: The green light is normally on: the network is connected  
RESET: Press Reset button 3-5 seconds, the device restores the factory setting and restart  
Power port: DC 12V  
Ethernet port: 10m/100m self-adaptive Ethernet port (Individual models do not have this interface)

**Appearance description-back side**

Indicator, Camera lens, Loudspeaker, Built-in TF CARD slot, Photosensitive

Content Description  
Indicator: The red light is normally on: the camera is energized  
The red light flickers: wait for users to add the device  
The green light is normally on: no internet accessed  
The green light flickers: the camera is on line and the user can view the video  
TF CARD slot: Support local storage of TF CARD (Max. 128G). If you insert TF CARD, please initialize it firstly.

**Operation Guide**

Download the APP  
① Scan the QR code below or search for "IPC360" in application store to download the APP. (Note: If you scan the QR code by Android phones, you need to open it with a browser after scanning.)

**User Sign up**

Click Sign up and follow the prompts to complete the App account registration. Currently mobile phone number registration is not supported in other regions except mainland China. Users in other regions can use the mailbox to register. The password is a 6-16 alphanumeric combination, please note case-sensitivity.

**Turn on the device**

1. Supply the camera with power.  
2. During the start up of the camera, make sure the device make "Di-Di" sound and the camera indicator light is flashing red. The camera is activated and can be added. (If the "Di-Di" sound is not issued or the camera indicator light is not flashing red, you need to manually reset it. Press Reset button 2-3 seconds when you hear the "Di-Di" sound and the camera indicator light is flashing red, the camera reset is successful and can be added.)

**Wireless connection**

Tips: If the wireless network environment is poor, can try wired addition.  
• Pair the camera with 2.4G Wi-Fi (Camera does not support 5G band Wi-Fi), make sure that you use the same Wi-Fi on your phone and the camera. Also the Wi-Fi is in good network condition  
• Enter your Wi-Fi password and click Next  
• Choose your current location. Turn up the volume and get close to the camera. Click Next. Your phone will make sound wave configuration with the camera by emitting beeping sound. You will hear camera broadcast a "ding-dong" sound and say "camera is ready". Camera is successfully added and you can name your camera

**Wired connection**

Connect camera to the router with a network cable, select "Wired mode", click the searched camera MAC address, and add it.

**APP function introduction**

Click here to view your cloud storage information  
Click on/off to enable or disable mobile detection and alert notification  
Unbind the camera add the mobile phone  
Share the camera with other users by entering their IPC360 accounts  
Camera setting

**Real time preview**

Camera time, Video streaming, Local recording, Resolution setting, Press to talk

**Motion Detction**

1. Click the or go to "Camera setting-Alert mode" to enable the motion detection alarm. (Tips: The user should use cloud storage service or insert an SD card to enable this function. Otherwise, only can push the alert to the phone and can not see the alarm picture)  
2. After the alarm picture is successfully downloaded, click the play button to download the corresponding video file and play the alarm video to start playback. (Each time the alarm is triggered, an alarm video clip of up to 30 seconds is uploaded, and an alarm is triggered every 90 seconds.)

**Product warranty card**

Dear users, Thank you for using our products. Please read the following terms carefully before installing the product.  
1. The warranty period is one year since the date of purchasing. Within the warranty period, the trouble caused by the quality problem of the product in the case of normal use will be maintained by our company free of cost.  
2. The following cases are beyond the warranty range:  
• Any faults or defects caused by improper operating environment or operation.  
• Any faults or defects caused by improper installation, misuse, unauthorized maintenance, revision, accident, force major event or other external factors.  
• Any faults or defects caused by using the product, software or component of the third party.  
• The product has been beyond the warranty period.  
• The product barcode cannot be identified or is mismatched.  
• The faults or damage not arising from the design, technology, manufacturing and quality problems of the product.

**Warm tips:**

- Camera currently supports 2.4GHz Wi-Fi network only. If no 2.4GHz Wi-Fi network available. Please try wired connection.
- Camera supports TF cards from 8G to 128G. Please format TF card before use. The user should insert the card first and then turn on the power.
- The TF cards must be inserted and removed when the device is powered off. Normally the video file in the memory card will display a blue bar. If there is no blue bar, please check if the memory card is normal and you can power off and re-plug the card once.
- The video will be loop recording and saved in the TF card. If there is no TF card, you can manually record the video in the APP album by clicking the icon.

**FAQ:**  
Q: Why does the time of camera show 2000-01-01?  
A: It is the factory default time. After you accessing internet, the camera will synchronize the network time automatically. Please wait for it patiently.  
Q: Provided turning off the video or exiting APP, will the camera continue recording?  
A: The camera has two recording modes: one is press "recording" button (icon) on the APP to record manually; the other is inserting SD card, the camera will record automatically in the case of internet access.  
Q: How long does cloud storage save alarm recordings?  
A: Motion alert clips are saved in the cloud. All users are also eligible for a 30-day trial of our 7 day cloud recording plan. Paid cloud recording plans for storing are available in 7 and 30 day plans. With the plan, you can review, save, and share footage at any time, and reduce false alerts with cloud intelligence.

**IC Caution.**

- English:  
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:  
(1) This device may not cause interference, and  
(2) This device must accept any interference, including interference that may cause undesired operation of the device.  
- French:  
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:  
(1) l'appareil ne doit pas produire de brouillage, et  
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'empêcher le fonctionnement.

**FCC Caution.**  
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.  
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** 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.

**\*RF warning for Mobile device:**  
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**Avstart**

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