

IPC100 Baby Monitors

User Manual

Features

- ✧ MJPEG with two-way communications;
- ✧ P2P iOS / Android support;
- ✧ SpO₂ and Pulse Rate (PR) measurement;
- ✧ Room temperature measurement;
- ✧ Lullabies; Pictures; Video
- ✧ Night light.

Check list

One User Manual

One 4G micro SD card

One baby unit

One USB connected adapter

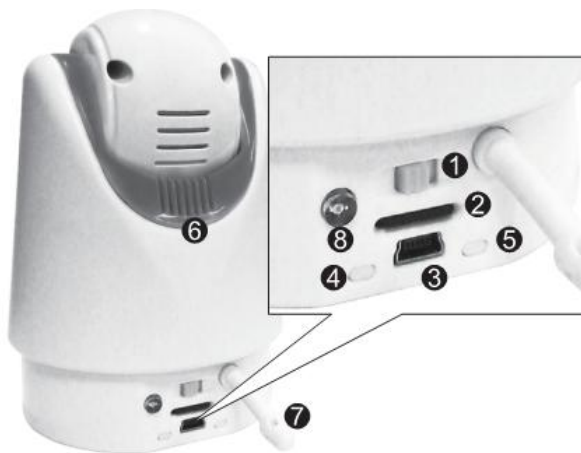
One Pulse Oximeter (including one SpO₂ probe)

Two batteries

Overview of front side



Overview of back side



1. Power switch
2. Micro SD card socket
3. USB interfaces
4. Sarus light
5. Power light
6. Speaker
7. Temperature sensing antenna

Photoresistor: Senses light automatically switching from day to night.

Connection to internet

◆ Operation procedures:

Step 1: Install the software IPC100, boot up the software and tap "new camera"→ tap "add wireless wizard"→ tap "next"→ tap "WIFI settings" and will search WIFI as shown in below figure:



NOTE:

User name: IPCAM_XXXXXX;

Password: 88888888

Please go back to operating page when this step finished.

Step 2: Click "Next"→ "Next" as shown in below figure.

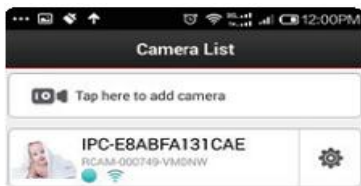
The password is default and tap next.



Step 3: Select user's wireless router and enter the password and tap "Next"→ "Next" searching network (connect the mobile phone to the WIFI), and appears the figure as below figure:

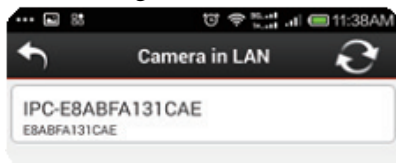


Tap "Save", the signal icons "●" and "WiFi" in blue indicate well connected to the WIFI, as shown in below figure:

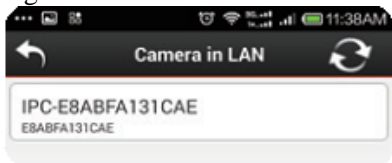


You can operate the IPC100 and remote control the pan tilt.

Step 4: While the IPC100 connected to WIFI or another mobile phone adds IPC100. Open the software of IPC100, to tap "add new camera"→ "LAN searching" (make sure no camera in the camera list), as shown in below figure:



Tap "IPC-E8ABFXXXX" and then "Save", the password is default blank. The signal icons "🟢📶" in blue indicate well connected to the WIFI, as shown in below figure:



You can operate the IPC100 and remote control the pan tilt.

(Notice: If the baby monitor needs to connect a new wireless router, please reset the baby monitor: Long press the reset button at the bottom of baby monitor

till the night light on)

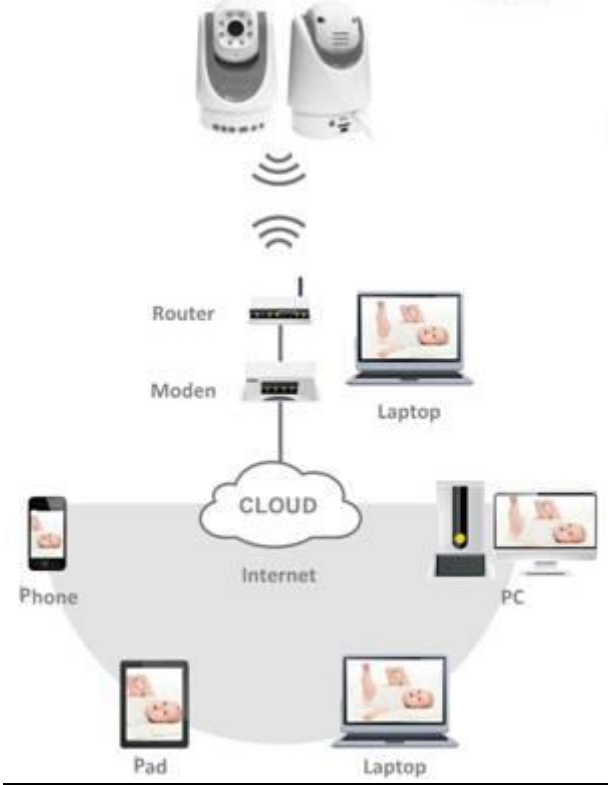


1. Temperature: tap the temperature value to change the unit Centigrade and Fahrenheit.
2. Photos
3. Video recording
4. Photograph
5. Previous song
6. Play & pause
7. Next song
8. Volume up
9. Volume down
10. MP3
11. Talkback
12. Monitor
13. Nightlight
14. Time
15. SpO₂ & PR .

Warning:

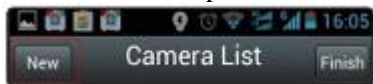
To prevent strangulation with the power cord, always keep the baby unit and the power cord out of baby's reach, at least 1metre/3.5 feet away. Do not use extension cords.

Diagram

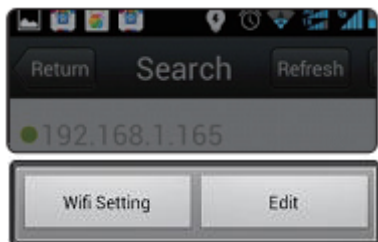


◆ Install mobile phone software

Step 1: Connect the mobile phone to WIFI.



Step 2: Set the regional Network: open the software --Refresh--Searched IP --Edit.

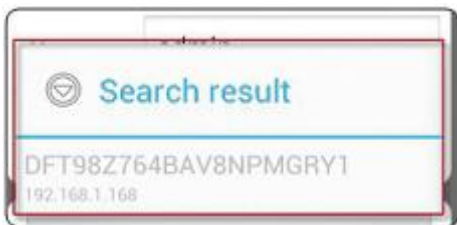


Step 3: Preview--Save--save

Step 4: Set the P2P network: P2P-please click here to add the camera.



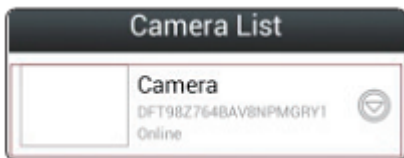
Step 5: Click "LAN search", if the mobile phone ID is not within the LAN, ID input should be:



Step 6: Click the red square → input the password (888888)→ save.



Step 7: Click the camera



Step 8: The available settings for camera are audio frequency, talkback, video recording, and resolution value, with the function of photographing, cruise, mirror and flip. You can switch among the camera list, video list and instruction at the bottom of the screen.

Remark: the video from camera list is connected to the regional network and P2P is connected the outside network.

Technical parameters

Model	IPC100
Description	IP camera for baby monitoring
Modulation	MJPEG with 2 way audio
Frames per second	15~25/s
SpO ₂ Range	35% - 100%
SpO ₂ Alarm	Low limit 90%
Pulse Rate Range	30bpm – 240bpm
Pulse Rate Alarm	High limit 160bpm Low limit 70bpm
APP / APK	Android/iOS
Infrared night view	Yes
AC adapter	6V 500mA
Walkie-talkie function	Yes
Night light function	Yes
Temperature detect	Yes
Monitor with motor	Yes

Other functions

- ✧ Smart size, nice appearance, easy installation, long time monitoring.
- ✧ Multiple clients on mobile and computer, easy and convenient.
- ✧ Real-time audio and video monitoring and clear

transmission.

- ✧ Alarm function: when the measured SpO₂ or Pulse Rate value exceeds the preset alarm limit, then the smart phone will activate the audible and visual alarm indications.
- ✧ Infrared night vision function, you can see your baby even he/she is in the darkness.
- ✧ Pleasing nightlight and lullaby to comfort baby.
- ✧ Especially suitable for infant care, elder care, monitoring, etc., it can also be used for general real time security monitoring.

Cautions:

- This product is intended as an aid. It is not a substitute for responsible and proper audit supervision and not intended for use as a medical monitor.
- Please do not use other power adapters that may not fit this product configuration.
- Please do not expose the baby monitor to extreme cold, heat, wet or direct sunlight.
- Make sure the baby unit and the adapter cord are always out of reach of the baby, at least 3 feet/1meter away from the baby or crib, to avoid a possible strangulation hazard.
- Never cover the baby unit or parent unit with anything such as a towel or a blanket. Turn off unit prior to cleaning.

Troubleshooting

- ❖ **Problem:** Power indicator light not working.
Possible cause: Does not switch on; Power is not getting to the unit; Low batteries.
Solution: Turn on the units; Make sure the units are connected to the power supply; Replace the batteries.
- ❖ **Problem:** Power indicator flashing.
Possible cause: Not connected well with adapter; Low batteries.
Solution: Make sure well connected; Replace the batteries.
- ❖ **Problem:** Parent unit makes loud noises.
Possible cause: Units are too close together; Volume dial on parent unit may be too high.
Solution: Move the parent unit at least 3 feet/1 meter away from the baby unit; Turn down the volume on the parent unit.
- ❖ **Problem:** Weak sound may be coming from parent unit.
Possible cause: Volume on parent unit or set too low or muted.
Solution: Turn up the units or move closer to each other.
- ❖ **Problem:** Units may be too far from each other.
Possible cause: No signals between units.
Solution: Move the units closer to each other.

Supplementary Operation Instruction for Pulse Oximeter

Instructions for Connection

Insert the sensor tips into the slots on the probe holders. Place the sensor tip labeled “LED” into the stationary probe holder on the silicone wrap belt, and place the sensor tip labeled “PD” into the sliding probe holder, as illustrated in Figure 1 and Figure 2.

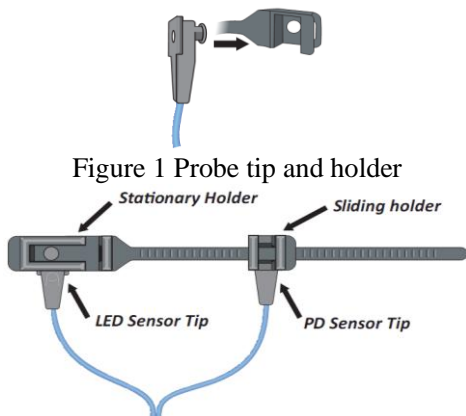


Figure 1 Probe tip and holder

Figure 2 Y-type SpO₂ Sensor with Rubber Wrap

NOTE: Make sure that the silicone button seats fully into the hole in the back of the probe holder.

Wrap the oximeter on the leg near ankle with its belts and position the front panel to a proper place for convenient operation, as shown in Figure 4.

Wrap up the Y-type sensor onto the baby's foot by the rubber wrapper, as illustrated in Figure 3. Make sure the alignment of the light-emitting tip (LED)

and the photo- detecting tip (PD) are aiming at each other, then thread the end of wrap belt through the outside slots on the probe holders and tighten the rubber belt with proper force. The final placement is shown in Figure 4.

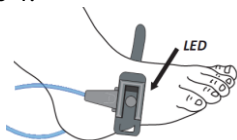


Figure 3 Sensor wrapping up



Y-type SpO₂
Sensor with
Rubber
Wrapper

Pulse Oximeter

Figure 4 Placement of the Oximeter and the Sensor

It's recommended that wrapping up the sensor onto the baby's first toe if the foot is too thick to be tighten, as shown in figure 5.

IMPORTANT: The sensor connection is critical for the signal strength and quality. Position LED and PD facing each other on opposite sides, so that the light beam is transmitted as vertically as possible and the light path is as short as possible.

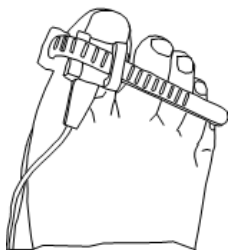





Figure 5

Instructions for Operation

After all connection have been completed, press the Power Button () for 3 seconds to power on the oximeter, referring to below figure. When the oximeter is powered up, the Power Indicator (yellow lamp ) will light constantly. If the heart beat is detected, the Heartbeat Indicator (red lamp ) flashes according with the heart rate. At the same time the oximeter sends the measured data (SpO₂ and PR) to Baby Monitor in a given time interval via wireless communication, and the SpO₂ and PR value will be displayed on the terminal side of Baby Monitor.



Appearance of the Pulse Oximeter

NOTES:

1. The oximeter has no automatic power-off function. Press the Power Button for 3 seconds to turn it off after the end of use each time.
2. If the Power Indicator flashes it means the battery voltage is low for the oximeter, please replace the batteries.

Distributed by:
eH4H LLC

1200 Abernathy Road, Suite 1700, Atlanta,
GA 30328

Website: www.Dormebaby.com

Tel: 888-741-2224 ext. 2

Fax: 832-442-4000

For mobile phone with Android system, please go to Google Play and search "Dorme Baby" to download and install the responding application;

For mobile phone with iOS system, please go to APP Store and search "Dorme Baby" to download and install the responding application.

FCC Caution.

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

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.