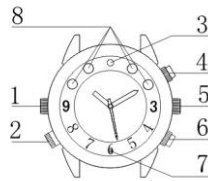Instruction

First thank you for using our company's products! Before using this product, please carefully read this user manual. In order to be better service, some of the performance and function that be mentioned in this manual may be updated. The change for the product performance and function will not be further notice.

1.   Appearance and buttons

1. USB socket/headset connector

2. Microphone

3. Camera

4. Video operation button(MP3 mode:next track/volume+)

5. Clock adjustment knob

6. Photograph button(MP3 mode:previous track/volume -)

7. Status indicator

8.Infrared nightvision LED light

2. Product introduction:

     This product is the frist watch with high-definition video recording function and built-in memory,also named"Watch Camera".It may take both photo and video.With simple operation,elegant design and small size,it is easy to carry.Consumer like it as a good tool of business,education,security,media,justice,tourism,medical care and so on.

3.Operation instruction

A. Power on

     With the system off,hold down the video operation button for more than one second,then the red indicator flashes,indicating that the system enters standby status.

B. Taking video and voice recording:

     With the system on standby, by a short press on the video operation button,the red indicator turns off first,after 3 seconds,it lights up for a short time and then turns off again,at this time taking video begins(By a short press on the photograph button,you can check the current working state, the red indicator flashes three times means that the system is taking video).During taking videos,with a

short press on the video operation button,the system will stop taking videos and save the video files to return to standby while the red indicator lights up.

Note: you have to turn the knob on the   crown of microphone anticlockwise to open the sound hole for camera and voice recording function.

C.Nightvision function:press PHOTO button for a long time with video state (the red indicator flashes three times), the infrared nightvision LED light will light up(if the system is on standby,pressing PHOTO button for a short time will start photograph function) ,it will turn off automatically if you stop taking video and save the video file,during taking video,press PHOTO button for a long time,the infrared nightvision LED light will turn off(the red indicator flashes once).

D. Taking photo

With the system on standby,you can take one photo by each short press on the photograph button while the red indicator flashes once.In the status of taking photo,Taking video will begin by a short press on the video operation button.

E. Play MP3 music

With the system on standby,plug the headphones into the system,playing MP3 music begins and the red indicator flashes.

Note:please copy the music files into the "AUDIO" folder of the TF card before playing music.

F. Next track/volume +

When playing MP3 music,the system can skip to the beginning of the next track by a short press on the video operation button,and you can turn the volume up by a long press on the video operation button.

G. Previous track/volume -

When playing MP3 music,the system can skip to the beginning of the previous track by a short press on the photograph button, and you can turn the volume down by a long press on the photograph Button.

H. Quit MP3 mode

When playing MP3 music,the red indicator lights up with unplug the headphones,indicating that the system enters standby.

I. Power off

With the system on standby,it can be turned off by a long press on the video operation button and the red indicator turns off at the same time.

With the system on standby, If no any operation,the system will turn off automatically in one minute.

J. Low battery

During taking video,the system will save the file automatically and

then turns off before the battery runs out.

K. Charge

Connect to computer USB interface or charger with a USB extension cable equipped for this equipment.In this case,charging will begin automatically.During charging, the red indicator flashes.Once the battery is fully charged,the red indicator will light up.

L.Operation method for waterproof function:

screw the knob on the crown of microphone clockwise until tight,in this case,waterproof function can be used(note:voice recording function can not be used while the watch is in a state of waterproof.)

4. Saving file

After finishing taking video or photo,connect to computer USB interface with a USB extension cable,then you can copy the files into computer to play.

Note:don't connect to computer during taking video or photo.

5. Reset

If the system stops responding due to improper operation or other unexpected reason,you have to reset it,you can press on the video operation button and the photograph button synchronously to reset it,in this case the indicator turns off,indicating that the system is turned off.

Note:the system will be turned off for resetting,but it cannot save the file automatically in this case.

6. Setup time

First copy the "update time tool v2.0" folder from the CD equipped for this equipment to the computer and confirm that the computer's time is accurate,then connect to the computer and confirm the "Removeable disk" has been in existence,then run the file "update time tool v2.0" in the folder "update time tool v2.0" copied to the computer,now the system's time is the same with the computer's time.

7. Webcam function

8. First you need to install the camera driver in you computer.Copy

9. the folder "ak3631 PC Camera" from the CD equipped for this

10. equipment to the computer,then connect to the computer and confirm

11. the "Removeable disk" has been in existence,with a long press on

12. the video operation button,the computer will know that a certain new

13. piece of hardware exists and instruct you to install it.Choose the

14. column "install from the list or specified position",with clicking "next

15. step", pick out the folder "ak3631 PC Camera" copied to the

16. computer from the column "browse" and then continue to install

17. it.After installing,a icon of video device will be present in the folder

18. "my computer",now you are available for video chat with video chat

19. tool.You need not install the driver again for using later,you only need

20. to long press on the video button after right connecting to

21. computer,once a icon of video device is present in the folder "my

22. computer",you are available for video chat .

23. 8. Troubleshooting

24. a.　Once the storage space is not enough,the system will save

25. thecurrent files automatically and turns off while the red indicators

26. flash three seconds.If you want to continue to use this video

27. recorder, copy the necessary files to computer and delete the

28. old documents in storage in order to free up enough storage

29. space

30. 　　b.　When the battery is insufficient,the red indicator flash

31. about 3 seconds, then the system automatically save the

32. current files and turns off, If you want to continue to use the

33. recorder, please charge the battery.

34. 　　c.　If the video recorder stops responding due to improper

35. operation or other unexpected reason, please hold down the

36. video operation button and the photograph button

37. synchronously and release the video operation button first to

38. restart it.

39. 　　d.　If the system can not be turned on,please check the

40. battery power first,and then hold down the video operation

41. button and the photograph button synchronously and release

42. the video operation button first to restart it

43. 　　e.　If it can not record video and take photo,please check

44. whether the storage space is enough

45. 　　f.　If it can not connect with the computer,please confirm

46. your operation system,device and USB connecting are correct.

47. 9.Parameters

9.Item	10.function	11.Parameters
12.kernel	13.Microcomputer 14.processor	15.ARM9 32-bit 16.microprocessor core
	17.Operation system	18.Embedded System
19.video	20.Video encoding	21.MPEG-4
	22.signal system	23.digital signal
	24.Video resolution	25.VAG(640*480　　　　　　　　／ 1280*720/1280*960/1920*1080)
	26.Lowest illumination	27.0.1lux/f1.2
	28.S/N	29.48db
30.AUDIO	31.white balance 32.all-directional 33.recording	34.Automatic white balance 35.-38dBhigh-fidelity 36.redording
37.Character	38.function	39.video/photograph/MP3

istic		40.mode
	41.High-Definition 42.camera	43.30 mega-pixel / 100 mega-pixel/130 mega-pixel200 mega-pixel,1 / 6 CMOS
	44.Clock adjustment	45.Real-time Clock adjustment
	46.TF CARD	47.1-16GB
48.System 49.Requirem 50.ents	51.OS	52.microsoft win98 53.SE/ME/2000/XP/vista/win 54.7
55.Applied 56.Scope	57.occasion	58.Applied Scope:meeting 59.recording,monitoring 60.recording,obtain 61.evidence,webcam;applied 62.occasion:family,office,cor 63.poration,school
64.others	65.Appearance	66.stainless steel
	67.power supply	68.DC5v/500ma
	69.weight	70.186k
	71.Operating 72.temperature	73.0-40℃
	74.Operating humidity	75.95%RH
	76.accessory	77.CD（including 78.instruction),power 79.cord,data cord

48.

49.

50. 10. Warning

51.   ● Application: Please strictly abide relevant regulations and

52. laws. This product should not be used for any illegal purposes.

53. The user is fully responsible for its using purpose.

54.   ● Battery:Battery duration will decrease with repeated

55. usage and age.If the system has not be used for an extended

56. period of time,please charge the battery fully before using.

57.   ● File security: This product is not a professional storage

58. device.It does not guarantee the integrity and security of saved

59. files. Please make a backup of your important documents on

60. the computer or other storage device timely.

61.   ● Video quality: This product is not a professional video

62. recording device. It does not guarantee the video effect can

63. meet your expectations.

64.   ● Operating temperature:0-40 C

65.   ● Operating humidity:20%-80%. This product does not

66. have the waterproof function, So it can not work under the

67. humid environment.

68.   ● Shooting brightness: Please use it under suitable lighting

69. conditions. Do not expose the camera directly to strong light,

70. such as the sun light to avoid damage to optical devices.

71.   ● Cleaning: Do not use it under the environment with high

72. dust density to avoid the contamination of camera lens or other

73. components. It may attect the working of camera. The camera

74. lens can be cleaned gently by paper or cloth which is used to

75. clean glasses.

76.   ● Waster disposal:Be mindful of protecting the

77. environment,not arbitrarily discarded this product,do not throw

78. it into fire so as to avoid accidents.

79.   ● Other matters: The product belongs to sophisticated

80. electronic products. Please make sure that it is not damaged
81. by strong impact and strong vibration. Do not use it in the place
82. with strong magnetic or strong electric power.