

PHILIPS

VideoTracer

音视频记录仪

VTR8106



使用手册 User manual

www.philips.com/welcome

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1 欢迎

欢迎来到飞利浦世界！您能选择和购买飞利浦的产品，我们非常高兴。您可在我们的官方网站上获得飞利浦公司的全方位技术支持，如：使用手册、软件下载、保修信息等。

www.philips.com/support

1.1 产品特点

一键录音: 仅仅按下录音键即可实现录音，再按一下录音键保存录音。

一键录像: 仅仅按下录像键即可实现录像，再按一下录像键保存录像。

支持红蓝爆闪灯，快速闪烁起到警示作用。

超大广角镜头，录像无死角。

超大光圈镜头，进光量更充足，画面更清晰通透。

红外夜视。

字符叠加功能，所有视频和照片都附加时间、产品编号、使用者

编号等信息，无法剪辑，更具法律证据效力。

超长文件名，所有录像文件的文件名都包含产品编号、时间、使用者编号等信息，方便数据存档、检索。

录像资料自动分割保存，防止误操作造成资料丢失。

电子铭牌：内嵌高品质墨水屏，铭牌信息随心定制。

外置存储卡，最大支持 512G。

高清扬声器: 采用高品质喇叭，无论播放录音文件或录像文件，都给人身临其境的享受。

以常见的 WAV 格式录音。

使用高速 USB 2.0 快速存取录音文件和数据。

可作为大容量的 USB 存储设备，确保最大的兼容性。

可调节任意角度的阻尼轴背夹，佩戴灵活可靠。

视频编码: H264, H265。

2 重要须知



小心

特别声明：使用本产品前请仔细阅读本说明书，如因人为操作或不可抗力因素而导致数据丢失，本公司一概不予负责。

特别提醒用户小心操作，注意将资料另外备份。

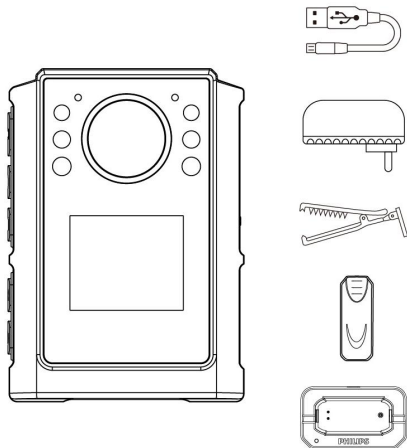
显示图像仅作参考。飞利浦保留更改颜色/外观/设计/参数/产品功能的权利，硬件、软件、APP 如有更新，恕不另行通知。



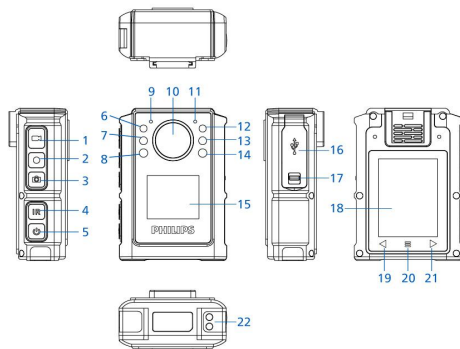
注意

请注意，切勿挤压电缆，特别是插头处。

3 您的音视频记录仪



3.2 主机概览



- ① 录像键
- ② 录音键
- ③ 拍照键
- ④ IR 键
- ⑤ 电源键
- ⑥ 白关灯
- ⑦ 光敏
- ⑧ 红外灯
- ⑨ 指示灯
- ⑩ 摄像头
- ⑪ 咪头
- ⑫ 红蓝爆闪灯蓝灯
- ⑬ 红蓝爆闪灯红灯
- ⑭ 红外灯
- ⑮ 墨水屏
- ⑯ USB 接口/TF 卡插口/复位孔
- ⑰ USB 推钮
- ⑱ 屏幕
- ⑲ 上键/快退
- ⑳ 菜单键
- ㉑ 下键/快进
- ㉒ 座充触点

4 开始使用

4.1 开/关机



注意

第一次使用机器时，请对该机器充电四小时以确保机器有电工作!

关机状态下，长按开机键 3s 开机，然后显示飞利浦图标，如下图所示：



然后机器进入预览界面，如下图所示，预览状态下，工作状态指示灯亮绿灯，在此界面短按菜单键，机器回到设置界面。长按“◀”或“▶”键缩小或放大预览界面，实现数码变焦功能。



提示

若音视频记录仪无法正常工作，请确认机器是否已没电。

机器工作过程中，请勿直接把外置卡拔出，否则会损坏文件或导致机器异常。

当电量指示标志为 “” 时，请及时充电。

4.2 充电方法

使用 USB 数据线将本机和出厂配备的充电器进行充电，充电过程中充电指示灯常亮绿色，充满后熄灭。

座充:座充连接充电器后，座充上的指示灯红灯亮，整机放置座充槽充电，充电时音视频记录仪绿灯常亮，充满电后，音视频记录仪指示灯灭，座充指示灯不变。



提示

本机充电可以使用关机充电和开机充电的方式，一般情况下，关机充满电需要 4 小时左右(建议关机充电)。

充电座只适合于充电，不支持传输数据。

4.3 连接电脑

音视频记录仪可作为大容量的 USB 存储设备连接设备，音视频记录仪会自动显示为可移动设备。



提示

在文件移入或移出机器时，请不要断开机器与电脑的连接。

5 录像

当您初次使用音视频记录仪录像时，请注意本节中的内容说明！

(1)在摄像预览状态下，短按录像键开始录像，状态指示灯将红灯闪烁。

(2)短按录像键结束录像，红色指示灯灭，并回到摄像预览状态界面，状态指示灯亮绿色。

(3)在预览界面长按“◀”或“▶”键缩小或放大，实现数码变焦功能。

(4)在黑夜或者光线暗的环境下录像时，如果红外切换为手动切换，可以短按 IR 键，此时红外灯开启进入到夜视摄录模式，画面颜色为黑白模式。长按录音键，照明灯将打开补充光源。

(5)按“拍照”键可以抓拍当前摄录画面。

(6)录像过程长按 IR 键，文件将会标记为重要文件，循环录像打开时，标记的文件不会被删除。

(7)录像参考界面如下所示:



录像界面说明:



- ① 录像分辨率
- ② 录像画面
- ③ ID 号水印
- ④ 系统当前日期
- ⑤ 录像状态

- ⑥ 电量指示
- ⑦ 卡剩余容量



注意

电池标记符显示空格时,表明低电。低电时系统会自动关机。如果正在录像或者录音,系统自动保存录像或者录音文件后再关机。电量不足时,请及时充电。低电关机时显示屏会有相应的提示。



提示

录像前, 请先设置所需的录像参数。
请先删除一些不必要的文件再录。

6 拍照

当您初次使用音视频记录仪拍照时，请注意本节中的内容说明！
在摄像预览状态下，直接按拍照按键进行拍照，拍照时发出“咔嚓”一声，在黑夜或者光线暗的环境下拍摄需要开启机器红外灯或补光灯进行拍摄。在录像状态下，按下拍照按键可以抓拍当时摄录照片。

7 录音

当您初次使用音视频记录仪录音时，请注意本节中的内容说明！

(1) 在摄像预览状态按下“录音键”开始录音；工作状态指示灯将亮黄灯；请将内置麦克风对准音源。

(2)按下“录音”键结束录音，并回到预览界面。录音参考界面如下图所示：



录音界面说明：



- ① 录音状态
- ② 当前录音时长
- ③ 文件名称

8 一键回放模式

请注意本节中的内容说明:在摄像预览状态下,录像保存后短按“▶”键,音视频记录仪将直接播放你刚刚摄录的录像文件,录音保存后短按“▶”键,音视频记录仪将直接播放你录的录音文件。机器刚刚开机启动,一键回放功能默认为播放最近摄录的录像文件。

9 红蓝爆闪功能

在待机状态下，长按拍照键，开启红蓝爆闪功能，机器发出警报声并亮警示灯，“警示灯”由红蓝两种指示灯交替闪烁。在红蓝爆闪开启状态下，再长按拍照键关闭警报声，再次长按拍照键关闭爆闪功能。



提示

录音前，请先设置所需的录音灵敏度。

请先删除一些不必要的文件再录。请先测试录音，以确认音视频记录仪设置是否正确。

在录音或者录像过程中禁止直接将卡拔出，否则可能导致文件损坏。

录音或者录像时请勿断电，否则这会导致音视频记录仪故障，文件丢失或文件损坏等问题。

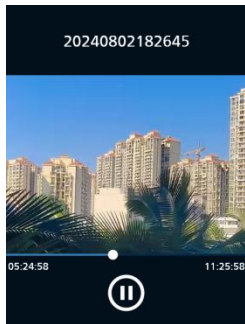
如果需要长时间使用，请在使用前充电。

10 视频模式

在摄像预览状态界面中，你可以使用“◀”键进入查阅回放界面
按“◀”或“▶”键，选择视频选项，然后短按菜单键确认进入视频文件列表界面，视频文件列表参考界面如下图所示：



按“◀”或“▶”键选择需要播放的视频文件，短按菜单键进入视频播放界面，视频播放参考界面如下图所示：



文件的删除需通过连接电脑才可以进行。

录像文件播放界面说明:



- ① 录像文件名
- ② 视频画面
- ③ 进度条
- ④ 当前播放时长

- ⑤ 播放状态
- ⑥ 文件总时长

10.1 视频播放

- (1)按“◀”或“▶”键，选择要播放的文件。
- (2)按“菜单”键开始播放，工作状态指示灯将亮绿灯。
- (3)播放过程中，按“菜单”键暂停播放，再次按下“菜单”键，将继续先前位置的播放。
- (4)播放时短按“◀”或“▶”键，可选择 2 倍，4 倍，8 倍，快退或快进当前正在播放的文件。

11 照片模式

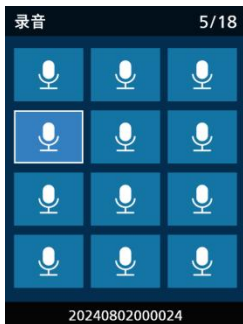
在摄像预览状态界面中，你可以使用“◀”键进入查阅回放界面，按“◀”或“▶”键，选择拍照选项，然后短按菜单键进入拍照文件列表界面。

按“◀”或“▶”键选择需要播放的照片文件，短按菜单键进入照片浏览状态，按“◀”或“▶”键切换照片。

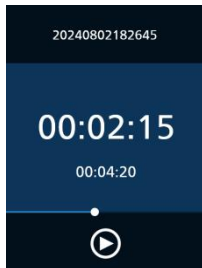


12 语音模式

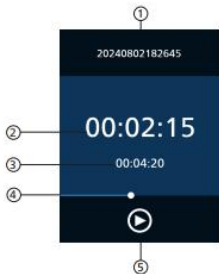
在摄像预览状态下，你可以使用“◀”键进入查阅回放界面按“◀”或“▶”键，选择录音选项，然后短按菜单键进入语音文件列表界面，语音文件列表参考界面如下图所示：



按“◀”或“▶”键选择需要播放的音频文件，短按菜单键进入语音播放界面，语音播放参考界面如下图所示：



语音文件播放界面说明：



- ① 文件名称
- ② 当前播放时长
- ③ 文件总时长
- ④ 进度条
- ⑤ 播放状态

12.1 语音播放

- (1)按“◀”或“▶”键，选择要播放的文件。
- (2)按“菜单”键开始播放，工作状态指示灯将亮绿灯。
- (3)播放过程中，按菜单键暂停播放，再次按下菜单键，将继续播放。

13 设置模式

在摄像预览状态界面按下菜单键，系统将会进入功能设置界面。功能设置包括:录音设置，录像设置，拍照设置和系统设置。按“◀”或“▶”键选择,短按菜单键进入选中的选项，长按菜单键返回到上一级菜单。

13.1 录音设置

按“菜单”键进入功能设置，按“◀”或“▶”键选择录音设置菜单,按“菜单”键选择，弹出:高、中、低 选择不同的麦克灵敏度可以达到不同的录音效果。

13.2 录像设置

录像设置菜单栏包括:分辨率，视频质量，视频预录，视频延录，编码方式。按“◀”或“▶”键选择所需设置的选项，然后按菜单键进入。

13.2.1 分辨率

录像分辨有 3200*180030P, 2560*144030P, 2304*129630P, 1920*1080 30P, 1440*1080 30P, 1280*720 30P, 848*480 30P 七种分辨率，多种录像分辨率选择，可满足大部分应用场合，按“◀”或“▶”键选择合适的分辨率，选择完成后按菜单键确定，长按菜单键可返回上一级菜单。参考界面如下图所示:

分辨率
3200×1800 30P
2560×1440 30P
2304×1296 30P
1920×1080 30P
1440×1080 30P
1280×720 30P
848×480 30P

13.2.2 视频质量

在视频质量菜单中有三种画质可供选择：“超精细，良好，正常”。根据不同的需求选择不同的画质效果，画质越好，相同录像时间所占的内存越大。

13.2.3 视频预录

使用视频预录功能，你可以提前录制事件触发前十几秒的画面视频预录有关闭和打开两种选择，按“◀”或“▶”键进行选择，选择完成后按菜单键确定，长按菜单键可返回上一级菜单。

13.2.4 视频延录

使用视频延录功能，你可以在按下按键保存录像后继续摄录设定的时间，视频延录设置关闭、5 秒、10 秒、15 秒、30 秒、60 秒六个选择，按“◀”或“▶”键进行选择，选择完成后按菜单键确定，长按菜单键可返回上一级菜单。

13.2.5 视频编码

视频编码有两种方式分别是 H264 和 H265。

13.3 拍照设置

拍照设置菜单栏包括：照片大小，照片质量，自拍，连拍。

按“◀”或“▶”键选择所需设置的选项，然后按菜单键进入。

13.3.1 照片大小

拍照照片的大小 有 44M(8800*4950)，38M(8160*4590)，28M(7040*3930)，23M(6400*3600)，18M(5600*3150)，13M(4800*2700)，9M(4000*2250)，6M(3200*1800)，4M(2560*1440)这九个级别，按“◀”或“▶”键选择合适的分辨率，选择完成后按菜单键确定，长按菜单键可返回上一级菜单。参考界面如下图所示：

照片大小
44M(8800x4950)
38M (8160x4590)
28M (7040x3960)
23M(6400x3600)
18M (5600x3150)
13M (4800x2700)
9M (4000x2250)

照片大小
6M (3200x1800)
4M (2560x1440)

13.3.2 照片质量

在照片质量菜单中有三种画质可供选择：“超精细，良好，正常”。根据不同的需求选择不同的画质效果，画质越好，照片所占的内存越大。

13.3.3 自拍

自拍是指在拍照前，可根据需要选择，自拍设置有“关闭，3 秒，5 秒，10 秒，30 秒，60 秒”。

13.3.4 连拍

在拍照设置菜单中，选择“连拍”菜单，再按菜单键进入连拍菜单。连拍设置可以设置关闭、3 张、5 张、10 张、20 张五个选择，按“◀”或“▶”键选择合适的连拍张数，选择完成后按菜单键确定，长按菜单键可返回上一级菜单。

13.4 系统设置

系统设置菜单栏包括：语言，默认设置，屏亮度，系统时间，自动关机，自动关屏，音量，车载模式，循环录像，车载录音，分段录像，按键音，指示灯，红外切换，移动侦测，曝光补偿，铭牌，语音提示，1D 号和系统信息。按“◀”或“▶”键键选择所需设置的选项，然后按菜单键进入。

13.4.1 语言

在语言选择菜单中，你可以选择一种语言作为系统语言。语言选择参考界面如下：



13.4.2 默认设置

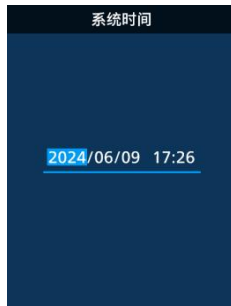
使用此功能，你可以重置机器的设置选项。

13.4.3 屏亮度

使用此功能，可以根据需要调节显示屏的亮度。屏亮度设置可以设置高、中、低三个级别，按“◀”或“▶”键选择合适的选项，选择完成后按菜单键确定，长按菜单键可返回上一级菜单。

13.4.4 系统时间

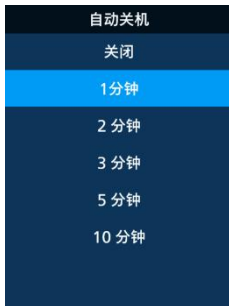
系统时间设置界面，参考图片如下：



在此界面下，按“◀”或“▶”键改变相应位置数值，短按菜单键确认并切换下一位，长按菜单键返回上一级菜单。

13.4.5 自动关机

如果在设定的时间内没对机器做任何操作，系统将会自动关机。
自动关机设置参考界面如下：



13.4.6 自动关屏

自动关屏设置:关闭，1 分钟，2 分钟，5 分钟，10 分钟。如果在设定的时间内没对机器做任何操作，显示屏将会自动灭。如果选择“关闭”，显示屏将会常亮。

13.4.7 音量

使用此功能，你可以设置机器的输出音量。音量设置可以从 0~10 之间 11 个数值选择，按“◀”或“▶”键选择合适的音量值，选择完成后按菜单键确定。

13.4.8 车载模式

车载模式选择“开启”后，“循环录像”和“车载录音”这两个菜单选项变为可选;当车载模式选择“关闭”后，“循环录像”和“车载录音”这两个菜单选项变为灰色，不可选; 车载模式默认出厂值为“关闭”;“车载录音”默认出厂值为“关闭”。

13.4.9 循环录像

在录像设置菜单中，选择“循环录像”菜单，再按菜单键进入循环

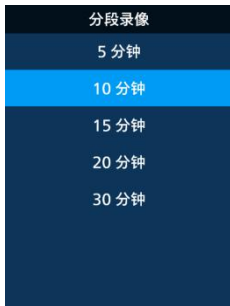
录像菜单。有关闭和打开两种选择，按“◀”或“▶”键进行选择，选择完成后按菜单键确定，长按菜单键返回上一级菜单。

13.4.10 车载录音

使用此功能，你可以选择是否需要录下车内的声音。

13.4.11 分段录像

视频分段有 5 分钟、10 分钟、15 分钟、20 分钟和 30 分钟五个级别，在录像过程中，视频分段在所设定的时间自动将视频文件分段保存并自动进入下一个文件录像。视频分段功能参考界面如下图所示：



注意

不同录像分辨率的分段保存会有限制:3200*180030P.
2560*1440 30P、默认为 15 分钟保存。

13.4.12 按键音

使用此功能，按键操作将会有声音提示。

13.4.13 指示灯

使用此功能，你可以根据需要打开或者关闭状态指示灯。

13.4.14 红外切换

在系统设置菜单中，按“◀”或“▶”键选择“红外”菜单，再按菜单键进入红外切换菜单。红外切换可以设置手动、自动两种选择，选择完成后按菜单键确定，长按菜单键可返回到上一级菜单。

13.4.15 语音提示

开启语音提示后，机器会对指定操作进行语音播报提示。

13.4.16 移动侦测

音视频记录仪开启移动侦测后，短按录像键，当有物体进入音视频记录仪拍摄范围内后自动开启录像功能，物体离开音视频记录仪拍摄范围内大概过了 10 秒后结束录像功能并保存录像文件。

移动侦测功能设置可选择:关闭，打开。

13.4.17 曝光补偿

曝光补偿是一种曝光控制方式，曝光补偿可以让照片更明亮或者更昏暗的拍摄手法。可以根据自己的想法调节照片的明暗程度，创造出独特的视觉效果等。

曝光补偿设置可以从-2.0+2.0 之间 13 个数值选择，按“◀”或“▶”键选择合适的曝光值，选择完成后按菜单键确定。

13.4.18 铭牌

进入铭牌菜单中，有关闭、更新铭牌 1、更新铭牌 2、三个选项，选择更新铭牌 1 或 2，音视频记录仪墨水屏上显示铭牌 1 或 2 的图片；选择关闭，音视频记录仪墨水屏关闭图片显示。

13.4.19 ID 号

ID 号设置界面，参考图片如下：



在此界面下，按菜单键与“◀”或“▶”键可以设置机器的设备编号和用户编号。按“◀”或“▶”键改变相应位置数值，短按菜单键确认，长按菜单键返回上一级菜单。

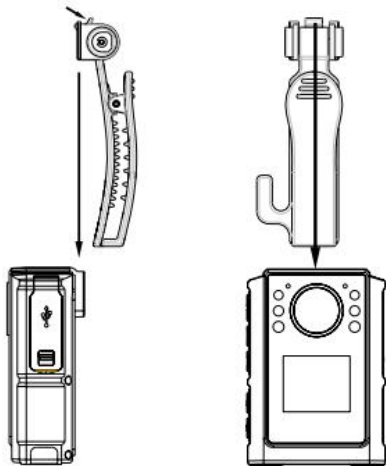
13.4.20 系统信息

系统信息菜单中包括:总存储容量, 可用空间, 可用录像时间, 可用录音时间, 版本号。

14 背夹的装取

① 如需装上背夹，手握主机，另一手持背夹，按图示方位将背夹的连接支架对准主机槽口后，缓慢推进背夹直至连接支架顶到主机槽口底部，且连接支架的底部凸起扣进主机凹坑中为止。

② 如需取下背夹，手握主机，另一手持背夹，先用拇指按压图示方位的指定部位，使得背夹的连接支架底部凸起离开主机凹坑后，缓慢推出背夹直至连接支架离开主机为止。



15 常见问题

此处列举了常见问题的解答，可帮助解决音视频记录仪出现的简单问题。如果故障仍无法排除，请咨询经销商或访问我们的官方网站：www.philips.com/support

15.1 无法启动音视频记录仪

电池电量已耗尽请及时充电。

15.2 显示时间/日期不正确

音视频记录仪时间不准确，请在菜单上重新设置时间。

15.3 拍照/录像图像模糊，不清楚

镜头不干净。请用干净的绒布清洁镜头。

15.4 音视频记录仪无法录音或者录像

音视频记录仪存储空间已满并且未开启循环录像。请删除部分文件或将其移至外部存储设备。

15.5 运行条件

温度：-30°C~55°C

空气湿度：10%-90%，不凝结

15.6 音视频记录仪无法播放录音或者录像

电池电量已耗尽，请充电。

15.7 音视频记录仪死机后如何处理

你有时在操作中会遇到开不了机，黑屏，操作不了等死机现象，通常处理方法是，复位一下，复位键位置：打开 USB 盖，槽内有一个小孔，用镊子或尖的东西点按一下小孔即可。注：本操作不会造成文件数据丢失或者损坏。

16 技术参数

16.1 存储器

外置存储空间

存储器类型:C10TF 卡

移动存储器(PC):是

16.2 尺寸和重量

长 x 宽 x 高:80x55x25(mm)

重量(含电池):146g(不含背夹)

16.3 系统要求

操作系统:Windows7/8/10, MacOSX

接口:Type-c

16.4 录音

比特率为 256kbps, 格式为 WAV

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1 Welcome

Welcome to the World of Philips! We are very delighted that users choose to buy from Philips. You can get full technical support from Philips on our official website, such as: manual, software download, warranty information, etc.

www.philips.com/support

1.1 Product features

- One-click Voice Recording: Simply press the Voice Recording button for the first time to record, and the second time to save recorded clips.
- One-click Video Recording: Simply press the Video Recording button for the first time to record, and the second time to save recorded clips.
- Supports red and blue blinking lights, flashing rapidly to serve as a warning.
- Extra large wide-angle lens, video recording without dead angle.
- Ultra-large aperture lens, more adequate light intake, clearer and more transparent picture.
- Infrared night vision.
- Character overlay function, all videos and photos are attached with information such as time, product number, user number, etc., which can not be edited and is more effective as legal evidence.
- Extra-long file name, the file name of all video files contain information such as product number, time, user number, etc., which is convenient for data archiving and retrieval.
- All recorded video files are automatically cut and saved to prevent data loss due to incorrect operation.
- Name tag
- External memory card, supports up to 512G.
- High-definition speaker: A high-quality vibration speaker is used, and plays audio or video files vividly.
- Record in a common WAV format.
- Access to the audio file and data by using high-speed USB 2.0.

- It is able to be used as a large capacity USB storage device to ensure maximum compatibility.
- Dampened shaft back clip that can be adjusted to any angle for flexible and reliable wear.
- video coding:H264, H265.

2 Important Reminders



Warning

- Special Announcement: Before using the device please read this User Manual carefully. Philips shall not be liable for any data loss due to erroneous operation or causes of a force majeure nature. We specially recommend that users make additional copies of the files in the device.

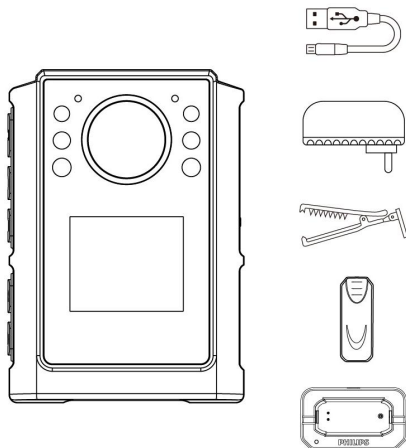


Notice

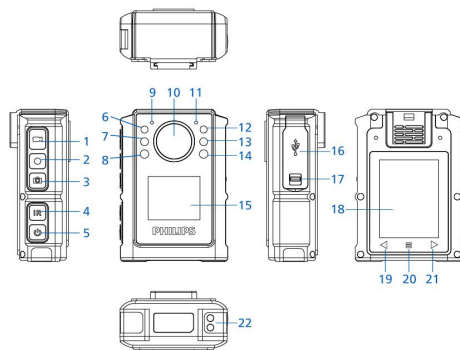
- Be careful not to squeeze the cable, especially at the plug.

3 Your Audio/Video Recorder

3.1 Scope of supply:



3.2 Overview of Device Main Body



- 1) Video Recording Button
- 2) Recording Button
- 3) Camera Button

- | | | | |
|-----|--|-----|----------------------------|
| 4) | IR Button | 21) | Next / Fast forward button |
| 5) | Power On/Off button | 22) | Desktop charging contact |
| 6) | White Light | | |
| 7) | Photoresistor | | |
| 8) | Infrared Light | | |
| 9) | Indicator light | | |
| 10) | Camera | | |
| 11) | Microphone | | |
| 12) | Red and blue flashing light blue light | | |
| 13) | Red and blue flashing light red light | | |
| 14) | Infrared Light | | |
| 15) | Ink screen | | |
| 16) | USB Port/TF card socket/Reset | | |
| 17) | USB push button | | |
| 18) | Display Screen | | |
| 19) | Previous/Rewind button | | |
| 20) | Menu button | | |

4 Start to Use

4.1 Turn ON/OFF



Notice

- Please charge the device in the shutdown mode for three hours before using it for the first time!

During shutdown mode, hold down Turn ON button for 3 seconds, and the device will be turned on immediately, showing the Philips logo, as shown below:



The device then enters the preview screen, as shown below; in the preview mode, the operating status indicator will be illuminated in green. Press the “≡” button on this screen, and the device will return to the setting screen. Hold down the “◀” or “▶” button to enter the zoom-in/zoom-out preview screen and realize the digital zooming function.





Reminder

- If the recorder does not work properly, please check if the device is out of power.
- During operation please do not pull out the external memory card. Otherwise, damage might be caused to the files or the device.
- When the battery indicator “  ” is displayed, please charge the device promptly.

always on, full of electricity after the audio-video recorder indicator light green light off.



Reminder

- The device can be charged either during ON or OFF mode. Normally, during OFF mode charging, it takes around 3 hours for full charging (we recommend that users use OFF mode charging).
- The charging base is only suitable for charging and does not support data transfer.

4.2 Charging Methods

During shutdown mode, use USB data cable and the connector to charge the device. The device indicator will show green light first during charging, which will be extinguished after the device is fully charged. Charging base charging: desktop charger plugged into the charger, desktop charger on the indicator light red light will be placed on the audio-video recorder seat charging slot charging, charging the audio-video recorder green light is

4.3 Connection to Computer

The recorder can be used as a large-volume USB storage device, which can be connected to the computer, the recorder can automatically be recognized as a portable device.



Reminder

- When a file moves into or out from the device, do not disconnect the device from the computer.

5 Video Recording

When using the recorder for the first time, please pay attention to the requirements in this section!

(1) In the camera preview mode, press the "Video Recording" button to start video recording, and the status indicator will flash in red.

(2) Short press the video button to end video recording, the red indicator light will go out, and return to the camera preview mode screen, and the status indicator will be illuminated in green.

(3) Hold down the "◀" or "▶" button to enter the zoom-in/zoom-out preview screen and realize the digital zooming function.

(4) During video recording at night or in a dark environment, if infrared switching is manual, hold down the "IR" button. The infrared lamp will turn on, the device will enter the night vision video recording mode, and the screen color will be monochrome. Hold down the "Audio Recording"

button, the illumination lamp will turn on as a supplementary light source.

(5) Press the "Camera" button to capture the current video recording screen.

(6) During video recording, hold down "IR" button, the file will be marked as important. Marked files will not be deleted when loop recording is opened.

(7) The video reference interface is shown below:



Recording Interface Illustration:



- ① Recording resolution
- ② Video recording image
- ③ ID No. watermark
- ④ Current time of system
- ⑤ Video recording status
- ⑥ Battery indicator
- ⑦ Card remaining capacity



Notice

- When the battery icon is showing empty, it means low on battery. The system will shut down automatically at low power. If users are recording, the system will automatically save the recorded files and then shut down. In case of a low battery, please charge the device timely. During low battery, the device gives the “Low Battery” notice.



Reminder

- Before recording, please adjust the recording parameters first.
- Please delete some unnecessary files before recording.

6 Take Photos

When users use the device for audio recording for the first time, please read the instructions in this section!

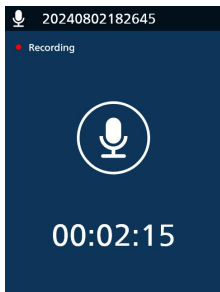
In the camera preview state, directly press the photo button to take a picture, when taking a picture of the “click” sound, in the dark or low light environment need to turn on the machine infrared light or fill light for shooting. In the video recording state, press the photo button to capture the photo at that time.

7 Audio Mode

When users use the device for audio recording for the first time, please read the instructions in this section!

(1) Press the "Audio Recording" button in the camera preview mode to start audio recording; the operating status indicator will flash in yellow; please align the built-in microphone with the sound source.

(2) Press the "Audio Recording" button to end audio recording, and return to the preview screen. The reference audio recording interface is shown below:



Audio Recording Illustration:



- ① Recording State
- ② Current Rording Duration
- ③ Battery Indicator

8 One-click Playback Mode

Please note the content notes in this section: in the camera preview mode, press the "▶" button after the video record is saved, and the device will play the video file that users have just recorded directly. Press the "▶" button after the audio record is saved, and the device will play the audio file that users have just recorded directly. When the device is just turned on, the one-click playback function will play the most recently recorded video file by default.

9 Red & Blue Flashing Function

In standby mode, long press the photo button, turn on the red and blue flash function, the machine sends out an alarm sound and light up the warning light, “Warning light” by the red and blue two kinds of indicator light alternately flashing. With the red and blue burst flash on, then long press the photo button to turn off the alert, and long press the photo button again to turn off the burst flash function.



Reminder

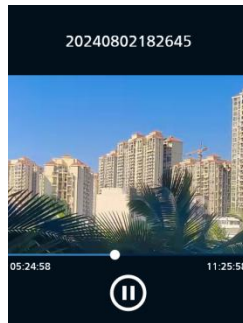
- Before audio recording, set the required audio recording sensitivity.
- Please delete some unnecessary files before recording.
- Please first test audio recording to see if the device is set properly.
- Do not pull out the memory card during the audio/video recording mode. Otherwise, damage might be caused to the files.

- Do not cut off power during audio/video recording mode. Otherwise, the damage might be caused to the recorder and the files might be lost or damaged.
- If users intend to use the device for a long period of time, please charge the device before recording.

10 Video Mode

In the camera preview mode screen, users can use the “◀” button to enter the search and playback screen, press the “◀” or “▶” button to select a video option, and then press the Menu button to enter the video file list screen. The reference video file list screen is as shown below:

Press the “◀” or “▶” button to select the video file to be played, and press the Menu button to enter the video play screen. The reference video play screen is as shown below:



This file can be deleted only when the computer is connected.

Interface Illustration of Recorded File Playing:



- ① File Name
- ② Video frame
- ③ Progress bar
- ④ Current duration
- ⑤ Current play status
- ⑥ Overall duration of file

10.1 Video Playing

- (1) Press ◀ or ▶ button to select the file to be played.
- (2) Press the Menu button to start play, the operating status indicator will be illuminated in green.
- (3) Hold down the Menu button to end playing, and press again to return to the video file list screen.
- (4) Press the "◀" or "▶" button during play to fast reverse or fast forward the file being played at 2X, 4X, 8X.

11 Photo Mode

In the camera preview mode screen, users can use the “◀” button to enter the search and playback screen, press the “◀” or “▶” button to select a camera option, and then press the Menu button to enter. Then press the Menu button to enter the photo file list screen.

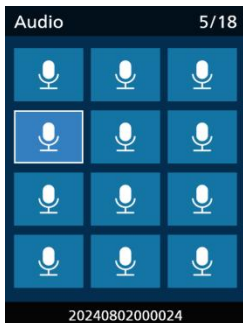
Press the “◀” or “▶” button to select the photo file to be played, press the Menu button to enter the photo browse mode and press the “◀” or “▶” button to select the photo to be viewed.

The reference photo file list screen is as shown below:



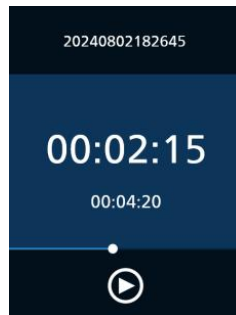
12 Audio Mode

In the camera preview mode screen, users can use the Menu button to enter the search and playback screen, press the “◀” or “▶” button to select an audio recording playback option, and then press the Menu button to enter the audio file list screen. The reference audio file list screen is as shown below:

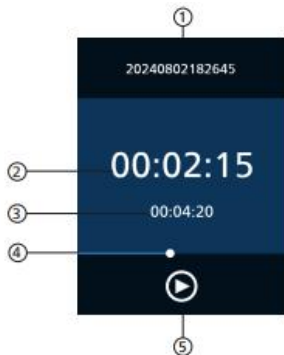


Press the “◀” or “▶” button to select the audio file to be played, press the Menu button to enter the audio play stop

screen, and press the Menu button again to enter the audio play screen. The reference audio play screen is as shown below:



Interface Illustration of Audio File Playing:



- ① Name of time file
- ② Current Play Time
- ③ Overall duration of file
- ④ Play Progress Bar
- ⑤ Play Status

12.1 Voice Play

- (1) Press “◀” or “▶” button to select the file to be played.
- (2) Press the Menu button to start play, and the operating status indicator will be illuminated in green.
- (3) Hold down the Menu button to end playing. And press again to return to the audio file list screen.

13 Setting Mode

Press the menu button in the camera preview status interface, the system will enter the function setting interface. Function settings include: Record Setting, Video Setting, Photo Setting and System Setting. Press the Menu button to enter, press the “◀” or “▶” button to select the option to be set, and then press the Menu button to enter, long press the Menu button to return to the previous menu.

13.1 Audio Recording Setting

Select the setting menu, press the Menu button to enter, press the “◀” or “▶” button to select the option to be set, and then press the Menu button to enter. The microphone sensitivity menu has three gain options: high, medium and low. Selecting a different microphone sensitivity will realize a different audio recording effect.

13.2 Video Recording Setting

The video recording setting menu bar includes resolution, video quality, video pre-recording, video delayed recording,

coding scheme. Press the Menu button to enter, press the “◀” or “▶” button to select the option to be set, and then press the Menu button to enter.

13.2.1 Resolution

Seven video recording resolutions are available: 3200*1800 30P, 2560*1440 30P, 2304*1296 30P, 1920*1080 30P, 1440*1080 30P, 1280*720 30P, 848*480 30P, which can suit most applications. Press the “◀” or “▶” button to select an appropriate resolution, then press the Menu button for confirmation, and hold down the Menu button to return to the previous menu. The reference screen is as shown below:

Resolution
3200 × 1800 30P
2560 × 1440 30P
2304 × 1296 30P
1920 × 1080 30P
1440 × 1080 30P
1280 × 720 30P
848 × 480 30P

13.2.2 Video quality

The video quality menu has three picture quality options: ultra-fine, fine and normal. Please select a picture quality option based on your needs. The better picture quality is, the more memory will be occupied in the same video recording time.

13.2.3 Video pre-recording

With the video pre-recording function, users can record a video from over ten to tens of seconds before an event is triggered. Two video pre-recording options are available: off and on. Press the “◀” or “▶” button for selection, then press the Menu button for confirmation and hold down the Menu button to return to the previous menu.

13.2.4 Delayed Video Recording

With the video delayed recording function, users can press a button to save the set time of continued shooting after video recording. The video delay recording setting is turned off. Six video delayed recording options are available: off, 5s,

10s, 15s, 30s, and 60s. Press the “◀” or “▶” button for selection, then press the Menu button for confirmation and hold down the Menu button to return to the previous menu.

13.2.5 Video encoding

There are two types of video encoding which are H264 and H265.

13.3 Camera Setting

The camera setting menu bar includes photo size, photo quality, continuous shooting, and automatic shooting. Select the camera setting menu icon, press the “◀” or “▶” button to select the option to be set, and then press the Menu button to enter.

13.3.1 Photo size

9 photo sizes are available: 44M(8800*4950) , 38M(8160*4590) , 28M(7040*3930) , 23M(6400*3600) , 18M(5600*3150) , 13M(4800*2700) , 9M(4000*2250) , 6M(3200*1800) , 4M(2560*1440). Press the “◀” or “▶” button to select an appropriate resolution, then press the

Menu button for confirmation and hold down the Menu button to return to the previous menu. The reference screen is as shown below:

Photo size
44M(8800x4950)
38M (8160x4590)
28M (7040x3960)
23M(6400x3600)
18M (5600x3150)
13M (4800x2700)
9M (4000x2250)

Photo size
6M (3200x1800)
4M (2560x1440)

13.3.2 Photo quality

In the camera setting menu, select the “photo quality” menu, and then press the Menu button to enter the photo quality menu. The video quality menu has three picture quality options: ultra-fine, fine and normal. Please select a picture

quality option based on your needs. The better picture quality is, the more memory will be occupied in the same video recording time.

13.3.3 Automatic shooting

Six automatic shooting options are available: off, 3s, 5s, 10s, 30s, and 60s.

13.3.4 Continuous shooting

Continuous shooting means that the device can take photos continuously when the Camera button is pressed once in the preview mode or during video recording.

In the camera setting menu, select the “continuous shooting” menu, and then press the Menu button to enter the continuous shooting menu. Five continuous shooting options are available: off, 3 photos, 5 photos, 10 photos, and 20 photos. Press the “◀” or “▶” button to select an appropriate number of photos, then press the Menu button for confirmation and hold down the Menu button to return to the previous menu.

13.4 System Setting

The system setting menu bar includes language, system format, default settings, screen brightness, system time, automatic shutdown, automatic screen off, volume, onboard mode, cyclic video recording, onboard audio recording, segmented video recording, button tone, indicator, infrared switching, motion detection, exposure compensation, ID No., and system information. Select the icon of the system setting menu, press the "◀" or "▶" button to select the option to be set, and then press the Menu button to enter.

13.4.1 Language

In the language selection menu, users can select a language as the system language. The reference interface of language selection is as follow:



13.4.2 Default settings

Users can use this function to reset the settings of the device.

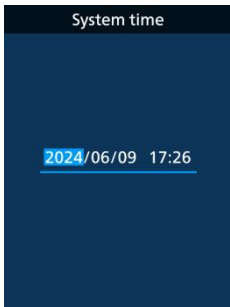
13.4.3 Screen brightness

When this function is to be used, the brightness of the screen can be adjusted. Three screen brightness levels are available: high, medium and low. Press the "◀" or "▶" button to select an appropriate option, then press the Menu button for confirmation and hold down the Menu button to return to the previous menu.

13.4.4 System time

The reference system time setting screen is as shown below:

In this screen, press the “◀” or “▶” button to adjust the value of the corresponding position. Short press “≡” to confirm and turn to next, long press “≡” to return to the previous menu.

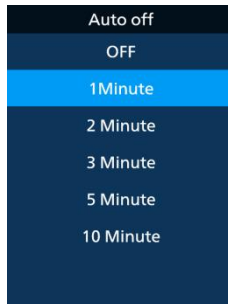


13.4.5 Automatic shutdown

If no operation to the device within the set time, the system will shut down. The reference interface is as follow:

13.4.6 Automatic screen off

Five options of automatic screen off are available: Off, 1min, 2 min, 5 min, 10 min. If no operation is done to the device within the given time, the screen will black out. If “off” is selected, the screen will remain illuminated.



13.4.7 Volume

When this function is to be used, the volume of the device can be adjusted. The volume can be selected from the 11 integers of 0~10. Press the “◀” or “▶” button to select an

appropriate volume, and then press the Menu button for confirmation.

13.4.8 Car Mode

After selecting “On” for Car Mode, the two menu options of “Loop Video” and “Car Record” become optional; when selecting “Off” for Car Mode, the two menu options of “Loop Video” and “Car Record” become grayed out and unselectable; the Factory Default of Car Mode is “Off”; the Factory Default of “Car Record” is “Off”.

13.4.9 Cyclic video recording

In the video recording setting menu, select the “Cyclic Video Recording” menu, and then press the Menu button to enter the cyclic video recording menu. Two options are available: off and on. Press the “◀” or “▶” button for selection, then press the Menu button for confirmation and press the Menu button to return to the previous menu.

13.4.10 Car audio recording

Using this function, you can choose whether or not you want to record the sound in the car.

13.4.11 Segmented video recording

There are five levels of video segmentation: 5 minutes, 10 minutes, 15 minutes, 20 minutes and 30 minutes. During the recording process, the video segmentation automatically saves the video file in segments at the set time and goes to the next file for recording automatically. The reference interface of the video segmentation function is shown as follows:

Duration
5 Minute
10 Minute
15 Minute
20 Minute
30 Minute



Notice

- Segment saving for different video resolutions will be limited to: 3200*1800 30P. 2560*1440 30P. The default is 15 minutes to save.

13.4.12 Keypad tone

With this function, every keypad operation has a prompt tone.

13.4.13 Indicator

Users can use this function to turn on or off the status indicator as necessary.

13.4.14 Infrared switching

In the system setting menu, press the “◀” or “▶” button to select the “Infrared” menu, and then press the Menu button to enter the infrared switching menu. Two options are available: manual and automatic. Finish the selection, then

press the Playback button, and press the Return button to return to the previous menu.

13.4.15 Voice prompt

When voice prompts are turned on, the machine will announce voice prompts for the specified operation.

13.4.16 Motion detection

When the device is in the standby mode, the video recording function will start automatically when an object enters the shooting range; when the object leaves the shooting range, this function will be ended, and the video file saved. Two options are available:

off and on.

13.4.17 Exposure compensation

Exposure compensation is an exposure control mode that makes photos brighter or darker. Users can adjust photo brightness based on the idea to create unique visual effects.

Users can set exposure compensation from 13 values within -2.0~+2.0. Press the “◀” or “▶” button to select an

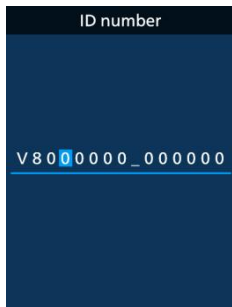
appropriate value, and then press the Menu button for confirmation.

13.4.18 Nameplate

Go to nameplate menu, there are three options: Off, Update Nameplate 1, Update Nameplate 2. Select Update Nameplate 1 or 2 to display a picture of Nameplate 1 or 2 on the audio/video recorder's ink screen; select Off to turn off the picture display on the audio/video recorder's ink screen.

13.4.19 ID No.

The reference ID No. setting screen is as shown below:



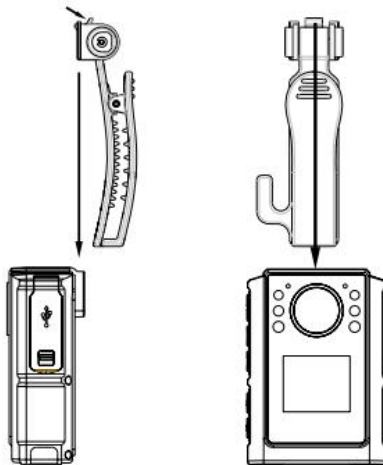
In this screen, press the "◀" or "▶" button to set the machine's device number and user number. press the "◀" or "▶" button to adjust the value of the corresponding position, and press the Menu button to select the corresponding digit. Short press the Menu button to confirm, hold down the Menu button to return to the previous menu.

13.4.20 System information

The system information menu includes gross storage capacity, usable space, usable video recording time, usable audio recording time, battery power and version number.

14 Mounting of Back Clip

- If you need to mount the back clip, hold the mainframe in one hand and the back clip in the other. After aligning the back clip's connecting bracket with the mainframe's groove in the orientation shown in the illustration, slowly advance the back clip until the connecting bracket tops the bottom of the mainframe's groove and the connecting bracket's bottom protrusion is snapped into the mainframe's dimple.
- If you need to remove the back clip, hold the main unit in your hand and the back clip in the other hand, first press the designated part in the orientation shown in the illustration with your thumb, so that the bottom of the connecting bracket of the back clip protrudes out of the pit of the main unit, and then slowly push out the back clip until the connecting bracket leaves the main unit.



15 Frequently asked questions (FAQ)

The answers to some common questions are listed here to help solve simple problems of the device. If the problem cannot be solved, please contact the dealer or visit our official website:

www.philips.com/support

15.1 The device cannot be turned on.

The battery is empty, please recharge promptly.

15.2 The displayed time or date is incorrect.

The time of the device is inaccurate. Please reset the time on the menu.

15.3 Unclear image

Unclean lens has caused it. Please use clean cloth to clean it.

15.4 The device cannot perform audio or video

recording.

The memory of the device is full, and the cyclic video recording is not started. Please delete some of the files or transfer such files to external storage devices.

15.5 Operating conditions

Temperature: -30 °C ~ 55 °C

Air Humidity: 10%-90%, uncondensed

15.6 The device cannot play a recorded audio or video.

Please recharge the battery as it has run out of power.

15.7 Failure treatment

If the device fails, such as starting failure, blackout or operation failure, the common treatment is to reset it. Turn off the interphone before resetting. Open the rubber plug of the USB and press the small hole. Note: This operation will not cause file data loss or corruption.

16 Technical parameter

16.1 Memory

External Memory Space

Type of Internal Memory: C10 TF card

Mobile memory(PC): Yes

16.2 Size and weight

Width* Height*Depth: 80x55x25(mm)

Weight(including battery):146g(excluding jacket)

16.3 System requirements

Operating System: Windows7/8/10, MacOSX

Port: Type-c

16.4 Recording

Bit rate 256kbps, WAV form

PHILIPS

Warranty Card

质保书
一年质保

Type: VTR8106

Serial nr:

Date of purchase 购买日期

Dealer's name, address and signature 销售商名称、地址及签字

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