FAQ of Universal Portable Camcorder

Q1. What's Universal Portable Camcorder (UPC)?
A : (1)It's the new technology product, which is wearable and can catch the most enjoyable moment or protect your own safety.
(2)Multipurpose, camcorder, camera, event data recorders(car black boxes) and sound recorders can be replaced.

Q2. What are the features of UPC ?
A : (1)It is slim type, easy operation, versatile and hidden high product .
(2)For anyone, everyone as a portable, wearable video recorder, self protection and events evidence.
(3)Easy to use at all kinds of hats, soft caps, engineering caps, cycling caps and motorcycle helmets, etc.
(4)As suitable as a " car black boxes " when installed on bicycles, motorcycles and all kinds of vehicles.
(5)Suitable for any place such as classrooms, meeting rooms, snorkeling, fishing, skiing, driving and monitoring, etc.

Q3. How long does the battery power lasts force?
A : 5 ~ 6 hrs

Q4. What's the capacity of built-in battery ?
A : 1000mAH

Q5. How to know the remaining battery ?
A : Power checking button is included. " Red light " shows low battery, 90 mins left for maximum to re-charge.

Q6. How to recharge the battery?
A : (1) Easy plug in (110V-220V).
(2) Available for any vehicle battery charger (12V).
(3) Power-Bank (5V) can be connected.
(4) Use computer, USB port available (5V).

Q7. How wide angle for the pictures taken is?
A : 170 degree. Super wide angle.

Q8. What are the lens specifications and aperture size?
A : 6G full glass, 5 million pixels, F/1.8 large aperture.

Q9. What is the resolution of images ?
A : FHD 1920x1080P, HD 1280x720P/30fps

Q10. How do I know the angle of shot and effects without the monitor?
A : When OTG/USB cable(Option) is connected to the phone or the computer.
You will see the video on your the phone and the computer and it is 170 degrees wide angle lens and long-distance autofocus system can be watched immediately.

Q11. How to connect to the phone or the computer and read the data?
A : (1) Windows and Android smart phone only.
   (2) Download A. the Mobile's APP (MX player or Dice player) and
       B. Computer's video player (KM player or GOM player).
   (3) Using OTG/USB cable (Optional) to connect.
   (4) If the connection is unsuccessful, please browse the web site
       www.haihao.com.tw   for the ready to read instruction.

Q12. What is the format of the video ?
A : AVI files, each 3 minutes to storage, which are loop recorded
   including video, sound and time.

Q13. How much is memory capacity ? How much time can be recorded ?
A : Built-in micro SD card 8GB, 16GB or 32GB.

SD card	32GB	16GB	8GB
1080P	3.5hrs	1.8hrs	55mins
720P	5hrs	2.5hrs	1.25hrs

*The above data for reference only, SD cards quality will determine
  the actual condition.

Q14. If any accident occurs, will the file be destroyed ? When it shut down.
A : The images taken before the power failure will be automatically archived
   in the SD card and they can be read immediately.

Q15. What is the grade of waterproof ?
A : 100% waterproof, IPX7 grade (1M, 30mins). When you take photos in the water,
   waterproof sticker must be installed on the USB slot. The sticker is included
   in the package.

Q16. What is the sound recording efficacy?
A :It is equipped 26db high sensitivity Microphone as well as radio excellent results
   and can be used alone as a recording evidence.

Q17. What is the size and weight ?
A : 62(L) x 40(W) x 25(H) mm, 50g

Q18. How about the night vision?
A : 6G full glass, F/1.8 large aperture. Good night vision.

Q19. Is there camera function ?
A : Yes. The photos taken will not be covered by loop recording.

Q20. Is there any safety issue officially approved ?
A : Yes. BSMI, FCC, CE, RoHS

Q21. Is there any warranty?
A : Yes. 2 years warranty and it is made in Taiwan .

Q22. While recording, can it recharge at the same time ?
A : Yes.

Q23. If SD card doesn't work, what can I do?
A : There is SD card recovery program on the HaiHao website, you can initialize
   to the original setting after download.
   http://www.haihao.com.tw/product/SDcardrepair.doc

Q24. If the "clock" is messed, what can I do ?
A : (1)Please recharge it first to let camcorder work normally.
   (2)There is the time setup correct program on the HaiHao website:
      http://www.haihao.com.tw/camhelmet.files/time.html

HaiHao Rev2.2