(D) Hinweis zum Umweltschutz:

Ab dem Zeitpunkt der Umsetzung der europäischen Richtlinien 2002/96/EG und 2006/66/EG in nationales Recht gilt folgendes:
Elektrische und elektronische Geräte sowie Batterien dürfen nicht mit dem Hausmüll entsorgt werden. Der Verbraucher ist gesetzlich verpflichtet, elektrische und elektronische Geräte sowie Batterien am Ende ihrer Lebensdauer an den dafür eingerichteten, öffentlichen Sammelstellen oder an die Verkaufsstelle zurückzugeben. Einzelheiten dazu regelt das jeweilige Landesrecht. Das Symbol auf dem Produkt, der Gebrauchsanleitung oder der Verpackung weist auf diese Bestimmungen hin. Mit der Wiederverwertung, der stofflichen Verwertung oder anderen Formen der Verwertung von Altgeräten/Batterien leisten Sie einen wichtigen Beitrag zum Schutz unserer Umwelt.

(GB) Note on environmental protection:

After the implementation of the European Directive 2002/96/EU and 2006/66/EU in the national legal system, the following applies:
Electric and electronic devices as well as batteries must not be disposed of with household waste.Consumers are obliged by law to return electrical and electronic devices as well as batteries at the end of their service lives to the public collecting points set up for this purpose or point of sale. Details to this are defined by the national law of the respective country.This symbol on the product, the instruction manual or the package indicates that a product is subject to these regulations. By recycling, reusing the materials or other forms of utilising old devices/Batteries, you are making an important contribution to protecting our environment.

(F) Remarques concernant la protection de l'environnement:

Conformément à la directive européenne 2002/96/CE et 2006/66/CE, et afin d'atteindre un certain nombre d'objectifs en matière de protection de l'environnement, les règles suivantes doivent être appliquées:
Les appareils électriques et électroniques ainsi que les batteries ne doivent pas être éliminés avec les déchets ménagers. Le pictogramme "picto" présent sur le produit, son manuel d'utilisation ou son emballage indique que le produit est soumis à cette réglementation. Le consommateur doit retourner le produit/la batterie usager aux points de collecte prévus à cet effet. Il peut aussi le remettre à un revendeur. En permettant enfin le recyclage des produits ainsi que les batteries, le consommateur contribuera à la protection de notre environnement. C'est un acte écologique.

(E) Nota sobre la protección medioambiental:

Después de la puesta en marcha de la directiva Europea 2002/96/EU y 2006/66/EU en el sistema legislativo nacional, se aplicara lo siguiente:
Los aparatos eléctricos y electrónicos, así como las baterías, no se deben evacuar en la basura doméstica. El usuario está legalmente obligado a llevar los aparatos eléctricos y electrónicos, así como pilas y pilas recargables, al final de su vida útil a los puntos de recogida comunales o a devolverlos al lugar donde los adquirió. Los detalles quedaran definidos por la ley de cada país. El símbolo en el producto, en las instrucciones de uso o en el embalaje hace referencia a ello. Gracias al reciclaje, al reciclaje del material o a otras formas de reciclaje de aparatos/pilas usados, contribuye Usted de forma importante a la protección de nuestro medio ambiente.

Declaration of Conformity

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.

LIQUID IMAGE ®

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FC CE

Printed in China

APEX HD+
CAMERA GOGGLES™

LIQUID IMAGE ®

WiFi

User Manual - *Camera Goggle*
Bedienungsanleitung - *Brille mit Kamera*
Manuel Utilisateur - *Lunettes caméra*
Manual del usuario - *Máscara con cámara*

Model : 339
Apex+ Series Snow Goggle

ENGLISH
DEUTSCH
FRANCAIS
ESPANOL

XTREME SPORT CAMS

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ENGLISH

ATTENTION

This manual explains how to safely operate the Camera Goggle.
Please read these instructions carefully before using the camera.

Keep this manual in a safe place for later reference

Disclaimer
While every effort has been made to ensure that the information contained in the guide is accurate and complete, no liability can be accepted for any errors or omissions. Liquid Image Co reserves the right to change the specifications of the hardware and software described herein at any time without prior notice.

Liquid Image Co declines all responsibility for damages due to improper use of this product, failure to adhere to the instructions given in this manual, or modifications to the CAMERA GOGGLE.

Cautions concerning data storage: Stored data may be lost or corrupted. It is recommended that any important data be copied onto a separate media (such as a hard disk, DVD-R or CD-R disk). Liquid Image Co makes no warranties and shall not be held responsible for damages resulting from corrupted or lost data due to a malfunction of the camera, the software, the memory cards, personal computer, peripheral devices, or for any losses that result from images that could not be recorded, are erased, destroyed, or damaged in any way due to a problem or a mistake while utilizing the camera or any of its accessories.

The Camera Goggle is a sophisticated electronic device and should be supervised by an adult at all times. This product should not be used by children under 13 years. This product is not a toy. The inserting of memory cards, USB cable, and battery must be performed by an adult 18 years or older who has read and understands this manual. An adult must always check all water resistant compartments prior to each use.

Products mentioned above or throughout the manual may be trademarks or registered trademarks of their respective companies.

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1.0 GET TO KNOW YOUR CAMERA GOGGLE

1.1 Features

Video Clips, Still Images, Micro SD/SDHC Card support
Driver free for Windows XP/Vista/7 and Mac 9.x or above

1.2 Specifications - Subject to change without notice

Sensor	1/2.5" 5.0MP CMOS Sensor
Image Resolution *	12.0 Megapixels (4000x3000)
Lens	F/3.2 f=2.75mm (135 Degree FOV)
Focus range	.4m to infinity
Internal Memory	256MB NAND Flash Memory for CPU only
External Memory Card	Micro SD/SDHC Card supports up to 32GB Must be Class 6 and above
Video Mode **	30FPS@HD 1080P (1920X1080) with Audio 60FPS@HD 720P (1280x720) with Audio
File Format	Picture: JPEG, Video: H.264 MOV with Audio
Status Display	LCD Display
PC Interface	USB
TV Output	PAL and NTSC
Power	3.7V Lithium Rechargeable Battery 1150mAh
Auto Off System time	180 seconds
WiFi - Wireless	Apps for Android and iOS systems

* Quantity of pixels is only an approximate number ** Approximate frames per second

1.2 System Requirements ***

Operating System	Windows® XP (SP2 or higher) ,Vista™, Windows® 7 or Mac 9.x
CPU	Intel® Core™ 2 Duo CPU E6300 processor (or above), AMD Athlon 64 X2 3800+ (or above)
RAM	1GB RAM (2GB recommended for editing HD videos)
Memory	300 MB available hard disk space
Graphics Card	256 MB Graphics Card or above is recommendeded

*** No Software required to download files

Please note before use
1. Check if the Micro SD card of this equipment was installed properly.
2. Check if the memory card has enough free space.
3. The lithium battery must be fully charged before the first use. You can either use the supplied USB cable and charge it with your computer, or use a wall charger (sold separately)
4. A Liquid Image charging cable must be used to avoid damage to the camera.

2.0 Functional Parts

2.1 Included Parts and Accessories

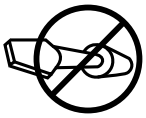
Please check the contents now (before use) to confirm that it is complete. Contact your Liquid Image Co dealer if anything is missing.

USER MANUAL
CAMERA GOGGLE™
USB CABLE
WARRANTY
MICRO FIBER STORAGE BAG
RECHARGEABLE LI-ION BATTERY 3.7V 1150mAh
EXTRA SNOW LENS
EXTRA STRAP
REPLACEMENT FACE FOAM
HEX ALLEN WRENCH

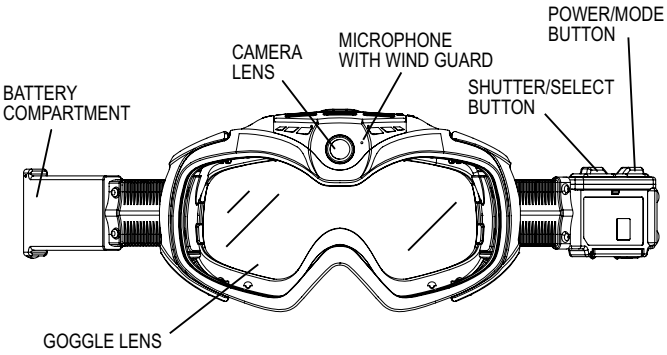
NOTE: The CAMERA GOGGLE will be referred to as the "CAMERA GOGGLE" throughout this instruction manual.

"If the product is exposed to a strong electrostatic charge, its memory contents may be damaged or the keys may stop working. In such case, reinstall battery to clear the memory and restore normal key operation."

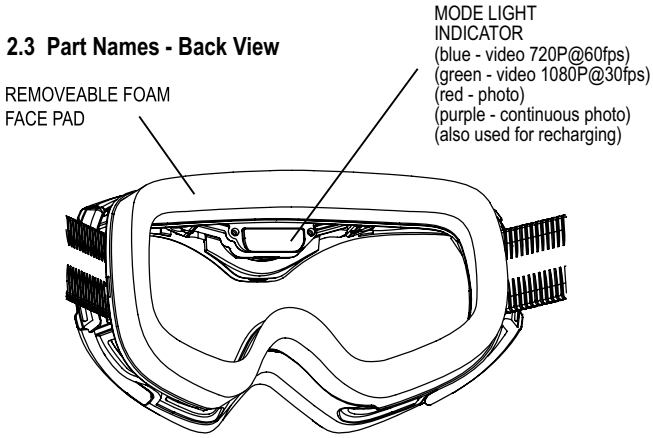
WARNING: NEVER OPEN THE CAMERA BODY THAT IS FACTORY SEALED WITH SCREWS. THIS WILL VOID ANY WARRANTY. NEVER USE A SCREW DRIVER TO OPEN ANY PORTION OF THE CAMERA GOGGLE.



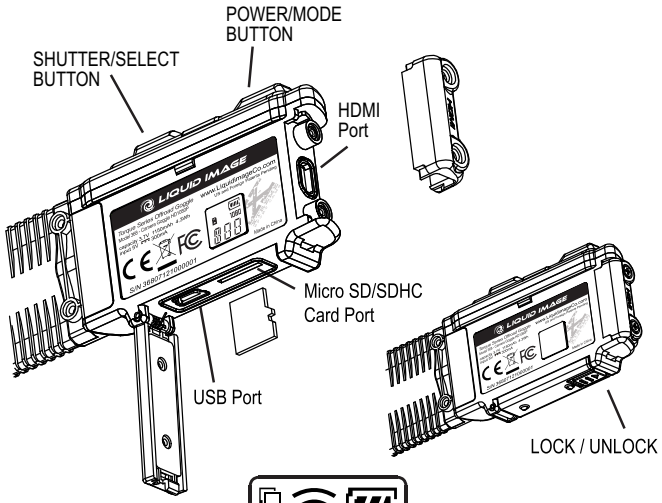
2.2 Part Names - Front View

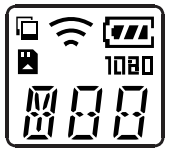


2.3 Part Names - Back View



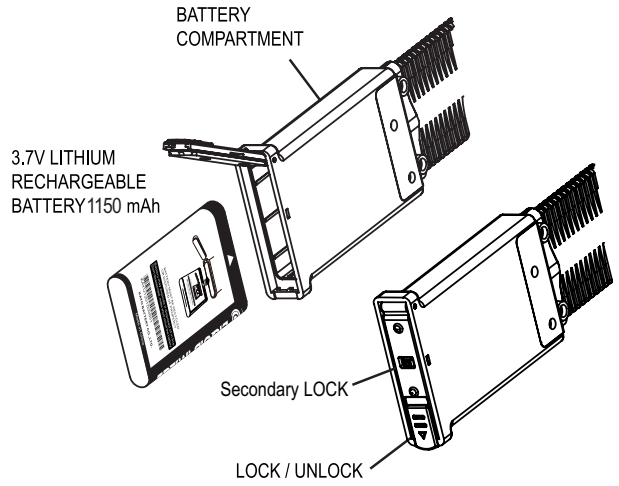
2.4 Part Names - Ports and LCD Screen



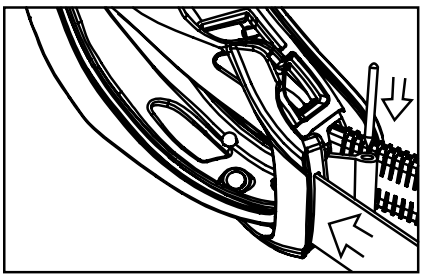


	Battery	shows the battery level
	Photo Mode	Photo mode or Continuous photo mode
	WiFi	WiFi - when flashing, the WiFi is in standby mode When Solid, WiFi is turned on and ready
	SD card	Icon flashes continuously when no SD card is recognized
720	720 mode	720p@60 Frames per second mode
1080	1080 mode	1080p@30 frames per second mode

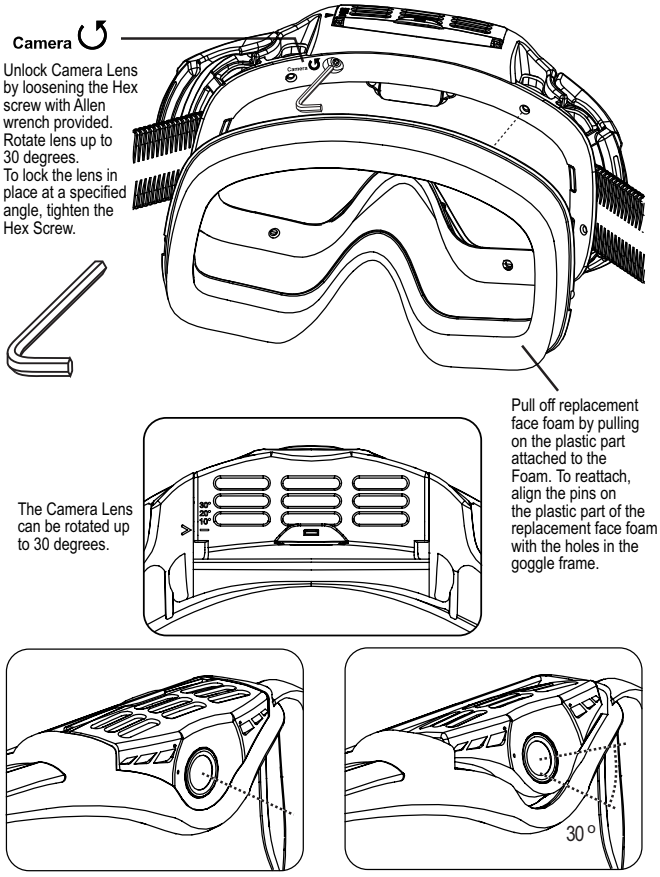
2.5 Part Names - Battery Compartment



2.6 Replace Goggle Strap



2.7 Replace Face Foam and Rotate Camera Lens



3.0 CAMERA GOGGLE SETUP

CAUTION: An adult 18 years or older should perform this function. Always make sure the CAMERA GOGGLE is completely dry before performing these steps. Set up should always take place in a clean dry space with a controlled environment. These steps should be performed indoors to avoid exposure to the elements.

3.1 Recharging or Replacing Li-Ion Battery

Only use a Liquid Image Rechargeable 3.7V 1150mAh Lithium Battery with the CAMERA GOGGLE.

NOTE: The LCD indicator shows battery life. When no remaining bars are displayed, the battery is low and the LCD screen will show the word "LO" and will make a beeping sound. Recharge or replace battery to continue using. Files on the Micro SD/SDHC card will not be lost if battery power runs out or during replacement of the battery.

To Recharge Battery:
1) Open MEMORY COMPARTMENT door.
2) Plug USB CABLE into both the USB Port on the CAMERA GOGGLE and the Computer. The battery will start charging and the RED LED will start blinking. When the charge is complete, the RED LED will stop blinking and will switch to a solid GREEN LED light.

To insert or replace battery:
1. Unlock and Slide Battery Compartment door forward and then down to open.
2. Insert the Battery as shown on page ENG-6. Notches on the battery will only allow you to put the battery in one direction.
3. Close the BATTERY COMPARTMENT door carefully.

Estimated Battery life for a new 1150 mAh Rechargeable Lithium Battery

Still image mode: up to 5000 pictures
Video clip recording mode: up to 120 minutes

3.2 Inserting Micro SD or SDHC Memory Card - Mandatory

NOTE: A Micro SD/SDHC Memory Card may or may not be included with your CAMERA GOGGLE. It is recommended that you utilize a commercially sold Micro SD/SDHC Card to add memory storage to your CAMERA GOGGLE. It is best to utilize a high performance Micro SD/SDHC card as this will improve the performance of

your CAMERA GOGGLE. This CAMERA GOGGLE works with both a Micro SD card or a Micro SDHC card up to 32 GB (Class 6+). Carefully read the instructions and warnings that come with the card. If your card is not FAT16 formatted, it will be reformatted once placed into the Micro SD/SDHC card slot on your CAMERA GOGGLE and the Power is turned on. Please note that any data on the card will be lost. Make sure to back up any data on the Micro SD/SDHC Card prior to inserting into the CAMERA GOGGLE.

NOTE: The CAMERA GOGGLE does not have internal memory to store the images and videos taken by the CAMERA GOGGLE. You must insert a Micro SD/SDHC card prior to taking images and videos. 4GB+ Micro SDHC Class 6+ is recommended for peak performance.

Approximate File Storage

Micro SDHC Card 32GB
Images: 20,000
Video: 354 minutes

3.3 Setting the Date and Time Mode

This feature allows you to set the Date and Time to the photo or video file.
1. Press and hold the SHUTTER/SELECT button down. Press and hold POWER/MODE button for 2 seconds to turn on camera.
2. Continue holding the SHUTTER/SELECT button down and press the POWER/MODE button 3 times continuously and then release the SHUTTER/SELECT button. The LCD screen will access the Time Setting mode. You will be able to change Year (YY), Month (MM), Day (DD), Hour (hh), and Minute (mm). The first window will be YY for Year. Press the SHUTTER/SELECT button and the numbers will appear (eg."12", means year 2012). The first number "1" in the year will start blinking.
3. Press the POWER/MODE button to change the blinking character from 0-9. Press the SHUTTER/SELECT button to select the number and move onto the next number "0". The setting process is from the left to right and will go through the different settings from Year, Month, Day, Hour, and minute. Once the number is confirmed by pressing the SHUTTER/SELECT button, the next digit will start blinking. Once you see the letters again such as MM for Month, press the SHUTTER/SELECT button to move to the numbers representing the month. Continue the process until you return to YY.
4. To get out of the Date and Time Setting Mode, press and hold the SHUTTER/SELECT button for 2 seconds. The GOGGLE will return to the Video mode (BLUE LED).
5. In case the battery needs to be replaced or the battery runs out, the date setting data will be maintained for 5 hours.

4.0 RECORDING PICTURES AND VIDEO

NOTE: The GOGGLE has 4 modes and pressing the POWER/MODE button cycles through the modes in the following order: 720P Video@60 fps, 1080P Video@30fps, Still Photo, and Continuous Photo. To advance to the next mode, press the POWER/MODE button one time. The camera will remain on and ready to use for 180 seconds, after which the GOGGLE will turn off automatically. Press and hold the POWER/MODE for more than 3 second to turn off camera.

4.1 720P @ 60 FPS Video Mode - BLUE LIGHT 720

1. Press and hold POWER/MODE button for 2 seconds to turn on camera.
The camera will power up in 720P @ 60 frames per second Video mode.
Note: the BLUE MODE LIGHT INDICATOR is on and the GOGGLE is now in the VIDEO READY mode and set to take Videos. The LCD screen displays the 720P video icon.
2. Press the SHUTTER/SELECT button once. Recording begins.
Note: the BLUE MODE LIGHT INDICATOR is blinking. The light will continue to blink until the camera stops recording.
3. To stop recording, press the SHUTTER/SELECT button again.

4.2 1080P @ 30 FPS Video Mode - GREEN LIGHT 1080

1. Press and hold POWER/MODE button for 2 seconds to turn on camera.
2. Press the POWER/MODE button again for less than a second to change to the 1080P @ 30 frames per second Video Mode.
Note: the GREEN MODE LIGHT INDICATOR is on and the GOGGLE is now in the 1080P READY mode and set to take videos.
The LCD screen displays the 1080P Video icon.
3. Press the SHUTTER/SELECT button once. Recording begins.
Note: the GREEN MODE LIGHT INDICATOR is blinking. The light will continue to blink until the camera stops recording.
3. To stop recording, press the SHUTTER/SELECT button again.