

ATOM

FRE

frame rate enhancement

veho



micro DV camcorder™

muvi™



Introduction

Thankyou for purchasing the Veho MUVI ATOM micro DV camcorder.

At Veho we like to do things differently. We supply products that make a statement and stand out from the crowd. Boring is bad and run of the mill is not in our dictionary. All our products are manufactured to the highest standard and conform to worldwide safety standards.

The MUVI ATOM unique micro design enables digital video recording in situations where it may not be possible to use standard camcorders and also features a photo snapshot facility.

The sports mounting kit included with MUVI ATOM will allow the user to capture high quality digital video and sound footage hands free.

MUVI ATOM micro DV Product Contents

- 1 x veho MUVI ATOM micro DV camcorder
- 1 x micro SD card
- 1 x USB Cable
- 1 x MUVI ATOM software
- 1 x MUVI ATOM spring mounting clip
- 1 x MUVI ATOM neck chain
- 1 x MUVI ATOM carrying pouch
- 1 x MUVI ATOM users manual
- 1 x mounting bracket for bike/helmet
- 1 x magnetic mounting bracket for wall
- 1 x MUVI ATOM head/helmet strap
- 1 x mounting bracket velcro
- 2 x mounting bracket screws
- 3 x mounting bracket straps



Veho MUVI ATOM Overview



Veho MUVI ATOM Operation

1. Charge your Veho MUVI ATOM by connecting the USB cable to your PC/Mac/Notebook or using an (optional) Veho USB Adapter and the mini USB jack on the base of the MUVI ATOM. While charging the MUVI ATOM Red LED indicator will flash slowly. Once fully charged the red LED indicator will stop flashing and remain constant.
2. Insert the micro SD card into the slot on the right side of the MUVI ATOM.
3. Power the MUVI ATOM on by the switch on the left hand side of the MUVI ATOM. If no micro SD card has been inserted then the green LED indicator will flash green quickly. When the MUVI ATOM becomes low on charge the red LED Indicator flashes quickly for 30 seconds and then turns of the unit.
4. If the MUVI ATOM has good charge but has not been used in 2 minutes it will switch to standby mode.
5. To record manually once MUVI ATOM is powered on press the record button. The green LED indicator will switch on and flash slowly. If the MUVI ATOM is in standby mode then press record once to re-activate and start recording again. Press record button to stop recording and the MUVI ATOM footage will be saved to SD card as *.avi file.
6. If the LED is solid green then the micro SD card is full and you will need to move your MUVI ATOM footage to a PC or connect to PC to delete footage.

Veho MUVI ATOM Operation

7. While powered on the MUVI ATOM is capable of taking snapshot pictures. Simply press the snapshot button, the green LED indicator will flash once and a photo will be saved to the SD card. A snapshot can be taken during video capture, simply press the snapshot button, video will be saved to the SD card followed by a snapshot image.
8. You can check the remaining memory available for video/snapshots by pressing the snapshot button for 4 seconds. The green LED indicator will flash between 1 and 4 times for an indication of memory consumption. See Table on page 9 — 10.
9. You can check the remaining battery available for video/snapshots by pressing the record button for 4 seconds. The red LED indicator will flash between 1 and 4 times for an indication of battery remaining. See Table on page 9—10.
10. To use sound activation mode move sound activation switch on right hand side of the MUVI ATOM to on and power switch on left hand side to on. When MUVI ATOM recognizes sound of more than 65 decibels it starts recording. If MUVI ATOM recognizes no further sound greater than 65 decibel for 2 minutes it will save MUVI ATOM files and enter standby mode. When in standby if sound of greater than 65 decibels is recognized again the MUVI ATOM will enter recording mode again.

Veho MUVI ATOM Operation (cont)

11. To transfer MUVI ATOM footage to your PC connect via USB micro jack to PC USB port. Ensure power is on and sound activation is off. The MUVI ATOM will be recognized as a USB mass storage drive. Drill into the drive and view/move/copy/delete the MUVI ATOM footage as you please.

Important Information

1. If while in recording mode the power button is switched to off, the MUVI ATOM footage for that recording session will not be saved.
2. During long recording sessions the MUVI ATOM will automatically save a file for every 30 minutes of recording.
3. While connected to the PC the LED indicator will show red for charge but the MUVI ATOM is also capable of record, standby and file transfer operations.

Red LED Indicator Quick Reference

LED Indicator	Indicator Activity	MUVI ATOM Activity Mode
Red (Power Indicator)	Solid ON	Power On
	No Light	Standby/Power Off
	Flash Quickly (30 secs) then off	Low Battery
	Flash Fast	Copy Data
	Flash Slow	Recharging
	Flash Once	1—3/4 Battery Remaining
	Flash Twice	1/2—3/4 Battery Remaining
	Flash Three Times	1/4—1/2 Battery Remaining
	Flash Four Times	Less 1/4 Battery Remaining

Green LED Indicator Quick Reference

LED Indicator	Indicator Activity	MUVI ATOM Activity Mode
Green (Recording/Snapshot)	Solid ON	Memory Full
	No Light	Standby/Power Off
	Flash Quickly	Data Transfer/SD not inserted
	Flash Once	Snapshot Taken
	Flash Slow	Recording Video
	Flash Once	1—3/4 Memory Remaining
	Flash Twice	1/2—3/4 Memory Remaining
	Flash Three Times	1/4—1/2 Memory Remaining
	Flash Four Times	Less 1/4 Memory Remaining

MUVI ATOM Specifications

Pixels	2 Mega Pixels Color CMOS
Viewing Angle	80 degrees
Minimum Illumination	1 lux (min)
Battery Capacity	120mAH
Battery Usage Time (full charge)	1 hour
Standby Time (sound trigger)	250 hours
Operating Temp Limit	-10° to 60° C
Store Temp Limit	-10° to 70° C
Operating Humidity	15-85%RH
Memory Medium	Micro SD Card
SD Capability	Max 16Gb Micro SD
Video function and Format	Video decode using motion JPEG, Recording to AVI format VGA (640x480 @ up to 30fps)
Camera Snapshot Format	1280 x 960 JPEG
USB Support	USB 1.1/2.0
Storage Consumption	30mins/1Gb
Charge Time	1.5 hours
Weight	30 grams (approx)
Dimensions	40x20x19mm (approx)

Safety Approval Information

Your Veho MUVI ATOM meets the requirements of FCC and CE, and is granted the FCC and CE certification.

It is authorized to bear the FCC and CE mark.

This product 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 product complies with standards including Low Voltage Device Directive 73/23/EEC; EMC Directive 89/336/EEC and R&TTE Directive 1999/5/EC. It passed the subject tests by the authority concerned and is authorized to bear CE mark.

Customer Support

To contact Veho for technical support and software downloads please visit our support page here :

<http://www.veho-uk.com/support.aspx>

For non technical questions about the MUVI ATOM please email Veho on :

MUVI@veho-uk.com

For general information about other Veho products visit :

www.veho-uk.com

For general questions about other Veho products email Veho on :

info@veho-uk.com



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