

Storage

- A. The Inventio-HD Pro supports up to 32GB microSD cards. MicroSD cards with a speed of Class 6 or higher are strongly recommended for optimal video quality.
- B. When your microSD card is full, the Inventio-HD Pro blue LED light will light up for 1-2 seconds. At this point, the Inventio-HD Pro will automatically save all data and power off.

Battery

- A. To charge the Inventio-HD Pro battery, connect the Inventio-HD Pro to a computer or AC adaptor using the enclosed cables.
- B. A red LED light will appear, indicating that the battery is successfully charging. It should require approximately 3-4 hours to fully charge your Inventio-HD Pro.
- C. A green LED light will appear when the battery is fully charged.

** If the Inventio-HD Pro is unresponsive or the blue LED light blinks rapidly, this is often an indication that the battery needs to be charged*

Troubleshooting

Symptom	Possible Reason	Solution
Fail to start	Low Power	Recharge Battery
	System Halted	Reset, then start again
Auto shut off	Low Power	Recharge battery
Green LED flash		
Device can not be recognized by computer	USB Cable failure	Replace new cable
	PC Bios disabled	Set USB enabled
	Main board does not support USB port	Update mainboard driver
Data not Saving	Memory is full	Remove video files
Power off automatically after starting	Low Power	Recharge
	Memory is full	Remove Video files

Specifications

Product size	6 x 1.5 x 2in. (folded)
USB	2.0(HS)
Physical Weight	2oz
Resolution	1920x1080P@30fps 1280x720P @60fps
Power Supply	Embedded 550mAh Li-polymer Battery
Video Format	Mov/H.264
Pixels	5 mega
Power Duration	about 1 hour
Memory	Support Max High Speed 32gb TF card
Power Consumption	<1.5W
Audio	Stereo
Working Temp	23 °F to 104 °F
Storage Temp	4 °F to 158 °F
Fov	135 degree
Menu Language	English
Player	VLC, Media player, Real Player, Quicktime
Operating System	win7, WinXP, Windows Vista, Mac Os 10.7



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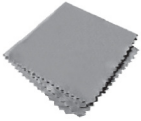


USER MANUAL

Inventio-HD Pro Features



Inventio-HD Pro Glasses



Cleaning Cloth



User Manual



Carrying Case



Clear Lenses



USB cable

Inventio-HD Pro Features



Inventio-HD Pro Features

- ON/OFF/RECORD Button
- LED Indicator Light
- MicroSD Card Slot
- RESET Button
- Mini USB Port
- 6 Audio Alerts

Inventio-HD Basic Operation

A. Insert a microSD Card

Insert a microSD card into the microSD card slot. (MicroSD cards with a speed of Class 6 or above are recommended for optimal video quality.)

B. Switch On/Start Recording

To turn on the Inventio-HD Pro and begin recording, press the ON/OFF/RECORD button. The blue LED light will flash. If the audio alerts are enabled, the Inventio-HD Pro will emit 4 short beeps. The Inventio-HD Pro is now recording.

C. Switch Off /Stop Recording

To turn off the Inventio-HD Pro and stop recording, press the ON/OFF/RECORD button. The Inventio-HD Pro will automatically save all data and power off.

Changing the Inventio-HD Pro's Settings

A. Connect to a Computer

Connect the Inventio-HD Pro to the computer and open the Inventio-HD Pro drive. Locate and open the setting.txt file on the Inventio-HD Pro drive. This file will allow you to personalize various settings which are explained in detail below. Be sure to change update to Y (yes) and save the file in order to preserve your settings.

B. Settings Guide

Exposure (EV)

Range: 1 – 12

Default Setting: 6

Adjusting the exposure to “-EV” increases exposure levels, ideal for use in strong sunlight. Using “+EV” will increase the brightness in dark or cloudy conditions.

White Balance (AWB)

Range: 0 – 4,

Default Setting: 0

0–Auto, 1–Daylight, 2–Cloudy, 3–Tungsten Filament, 4–Incandescent
White balance changes the overall balance of colors in an image. This setting may be used for color correction.

Contrast (CTST)

Range: 1 – 200

Default Setting: 100

A higher contrast ratio results in an image with higher resolution and brighter colors. A lower contrast ratio produces an image that will appear dimmer.

Saturation (SAT)

Range: 1 – 200

Default Setting: 100

Saturation is the colorfulness of an image relative to its own brightness. Adjusting the saturation setting will affect the apparent intensity of color.

Sharpness

Range: 1 – 200

Default Setting: 100

Adjusting the sharpness enhances the edge contrast of the video in order to improve its acutance (apparent sharpness).

Quality

Range: 0 – 2

Default Setting: 0

0–High, 1–Middle, 2–Low

Adjusting the video quality determines the Bit Rate for recording.

Light Frequency (LIGHTFREQ)

Range: 0 – 1

Default Setting: 1

0–60Hz, 1–50Hz

Adjust the light frequency setting to avoid power interference stripes, which may occur indoors with certain lighting.

Changing the Inventio-HD Pro's Settings

Date/Time Stamping on Videos (RTCDisplay)

Range: 0 – 1

Default Setting: 1

1–Enables date/time stamp display, 0–Disables date/time stamp display

Enabling Audio Alerts (AudioEnable)

Range: 0 – 1

Default Setting: 1

0–Off, 1–On

Audio Volume (AudioVol)

Range: 0 – 3

Default Setting: 1

0–High, 1–Medium, 2–Low, 3–Off

VideoSwitch

Range: 0 – 1

Default Setting: 0

Resolution 0–1080P, 1–720P

Time Lapse Recording (TimeLapse)

Range: 0 – 1

Default Setting: 0

0–Off, 1–On

BuzzerAlert

Range: 0 – 3

Default Setting: 2

0–Off, 1–High, 2–Middle, 3–Low

Viewing Videos on a PC or Mac

A. On a PC

1. Connect the Inventio-HD Pro to the PC using the enclosed USB cable.
2. Double-click on “My Computer” and locate “Removable Disk”.
3. Double-click on “Removable Disk”
4. Double-click on “DCIM”
5. You may now copy, move, or play your video files.

B. On a Mac

1. Connect the Inventio-HD Pro to the Mac using the enclosed USB cable.
2. The Inventio-HD Pro will be recognized as an External Hard Drive.
3. Double-click on the External Hard Drive
4. You may now copy, move, or play your video files.