



LCIE SUD EST
Laboratoire de Moirans
Z.I. Centr'Alp
170, Rue de Chatagnon
38430 MOIRANS – FRANCE

GENERAL INFORMATION

FCCID: 2ALGS-A16V1

1.1. Product description

Plugged on a GoPro®, **SteadXP@** will follow you anywhere, anytime in your outdoor adventures.

It works with GoPro® HERO[2, 3, 3+, 4] camera* and it fits inside the GoPro® housings with theirs BacPac™* backdoors. It can't be used with a GoPro® HERO5* as it doesn't have the connection anymore to plug something on its back. SteadXP@ is not compatible with GoPro® HERO5*, DSLR, mirrorless and video cameras.

Specifications

- Dimensions: 60x42x11 mm
- Weight: 38 g
- Battery: Powered by the host camera battery
- Memory card: microSD or microSDHC, from 1 GB up to 32 GB (not provided)
- Color: black
- Included: a SteadXP Software license





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STEADXP Software

The **SteadXP Software** is the cornerstone of our SteadXP video stabilization. Our post-treatment software automatically uploads, extracts and process datas from your SteadXP@/SteadXP+ to correct your shaky footage.

Within a few seconds, SteadXP Software suggests you to choose between different trajectories already optimized for your sequence, resulting in different typical looks.

Pick one profile, quick preview, click “Run” and that’s it!

Under the hood, our algorithm automatically builds a new virtual camera trajectory freed from geometrical distortions, vibrations and even the worst rolling shutter deformations.

The standalone SteadXP Software (64 bits Windows 7, 8.1, 10 / Mac OS 10.10, 10.11, 10.12 64 bits) allows to:

- preview stabilization results
- cut several sequences,
- and adjust rendering options if you are looking for a particular result.

We are looking for the most intuitive user experience. Our software combines 2 different approaches: Set and Run features (1 click approach), or intuitive advanced tuning functions with Semi-automatic features.



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1.2. Tested System Details



Equipment Under Test

Power supply:

During all the tests, EUT is supplied by V_{nom} : 3.8VDC

For measurement with different voltage, it will be presented in test method.

Name	Type	Rating	Reference / Sn	Comments
Supply1	<input type="checkbox"/> AC <input type="checkbox"/> DC <input checked="" type="checkbox"/> Battery	3.8Vdc 1160mAh	GoPro	Configuration n°1
Supply2	<input checked="" type="checkbox"/> AC <input type="checkbox"/> DC <input type="checkbox"/> Battery	100-240VAC	AC/DC Adapter DELL: Model DA130PE1-00	Configuration n°2



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Inputs/outputs - Cable:

Configuration n°1

Access	Type	Length used (m)	Declared <3m	Shielded	Under test	Comments
None						

Configuration n°2

Access	Type	Length used (m)	Declared <3m	Shielded	Under test	Comments
Supply2	AC/DC Adapter Laptop	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Configuration n°2
Canon USB cable interface	USB2.0	1.25	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Configuration n°2 (Cable Canon model IFC-400PCU)

Auxiliary equipment used during test:

Configuration n°1

Type	FCC Id	Reference	Sn	Comments
GoPro Hero4 Black Edition	-	C312112	-	Configuration n°1
GoPro Li-ion Polymer Battery Pack 3.8V	-	AHDBT-401	-	Configuration n°1
SanDisk microSD 2GB	-	-	-	Configuration n°1

Configuration n°2

Type	FCC Id	Reference	Sn	Comments
Laptop DELL	-	Latitude E6430	C4QCMX1	Configuration n°2
AC/DC Adapter DELL:		Model DA130PE1-00		Configuration n°2 (Used only for Conducted Emission)
GoPro Hero4 Black Edition	-	C312112	-	Configuration n°2
GoPro Li-ion Polymer Battery Pack 3.8V	-	AHDBT-401	-	Configuration n°2
SanDisk microSD 2GB	-	-	-	Configuration n°2



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Software version of EUT: v0.9



Configuration n°1: SteadXP@ video recording mode, using GoPro Hero4
When The GoPro Hero4 black camera is recording , there is cables no cable connected on SteadXP@.
SteadXP@ is supplied by GoPro Hero4 black camera (3.8VDC)



Configuration n°2: SteadXP@ connected to Laptop USB port , data enable.
When SteadXP@ is transferring data to computer, the SteadXP@ is directly connected by USB cord on laptop (auxiliary).
SteadXP@ is supplied by GoPro Hero4 black camera (3.8VDC).



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1.3. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4, FCC Part 15 Subpart B.

Radiated testing was performed at an antenna to EUT distance of 10 meters. During testing, all equipment's and cables were moved relative to each other in order to identify the worst case set-up.

1.4. Test facility

Tests have been performed **March 13th to 14th, 2017**.

This test facility has been fully described in a report and accepted by FCC as compliant with the radiated and AC line conducted test site criteria in ANSI C63.4 (registration number 94821).

This test facility has also been accredited by COFRAC (French accreditation authority for European Union test lab accreditation organization) according to NF EN ISO/IEC 17025, accreditation number 1-1633 as compliant with test site criteria and competence in 47 CFR Part 15/ANSI C63.4 and EN55022/CISPR22 norms for 89/336/EEC European EMC Directive application. All pertinent data for this test facility remains unchanged.