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

GENERAL INFORMATION

FCCID: **2ALGS-P16V1**

1.1. Product description

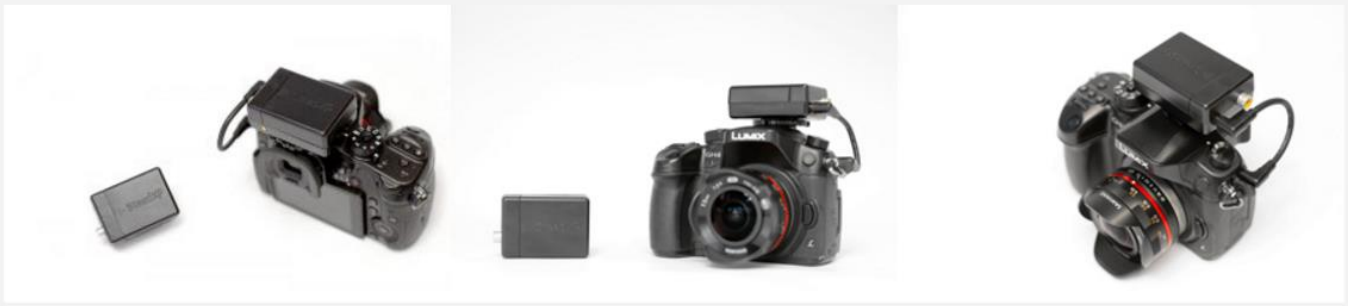
STEADXP+

On a DSLR, mirrorless or video camera, **SteadXP+** will be your ultimate companion for filmmaking and video reporting.

It just needs a flash mount (coldshoe) and a mic input (jack, mini jack or XLR). HDMI and AV outputs are not required to plug the device. SteadXP+ is not compatible with GoPro®* cameras.

Specifications

- Dimensions: 60x40x30 mm
- Weight: 84 g (with battery)
- Battery: Recommended Li-ion Battery 1180mAh for GoPro® HERO3* (not provided)
- 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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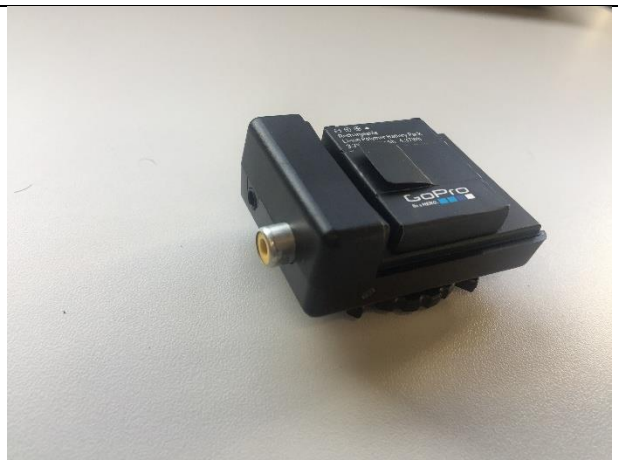
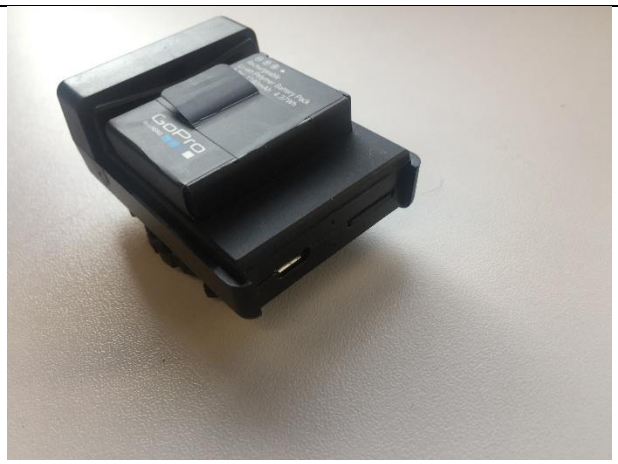
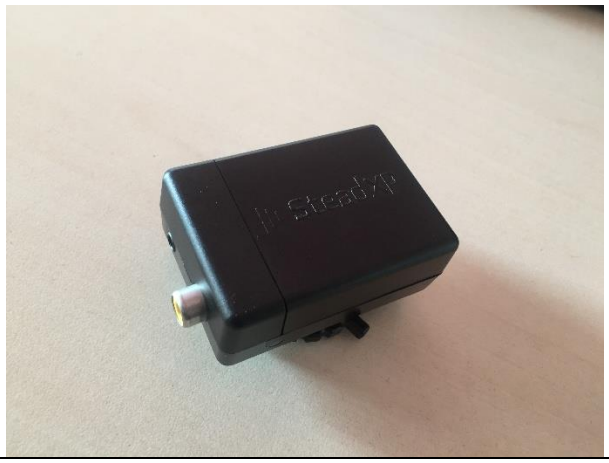
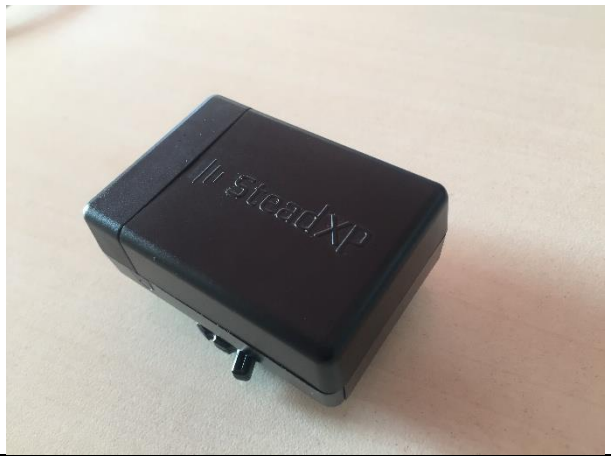
1.2. Tested System Details

Equipment Under Test

Power supply:
During all the tests, EUT is supplied by V_{nom}: 3.7VDC
For measurement with different voltage, it will be presented in test method.

Name	Type	Rating	Reference / Sn	Comments
Supply1	☐ AC ☐ DC ☑ Battery	3.7Vdc 1180mAh	GoPro	Configuration n°1
Supply2	☑ AC ☐ DC ☐ 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
L8 TRS 3.5mm male to TRS		0.07	☐	☑	☑	Configuration n°1
USB Digital Camera Audio Video Cable		1	☑	☑	☑	Configuration n°1

Configuration n°2

Access	Type	Length used (m)	Declared <3m	Shielded	Under test	Comments
Supply2	AC/DC Adapter Laptop	1	☑	☐	☑	Configuration n°2
USB 2.0 A to Micro B	USB2.0	1	☑	☑	☑	Configuration n°2

Auxiliary equipment used during test:

Configuration n°1

Type	FCC Id	Reference	Sn	Comments
Panasonic DMC-GH4	-	WE5GE001175	-	Configuration n°1
Lumix G 14mm f2.5	-	H-H014A	-	Configuration n°1
GoPro Li-ion Polymer Battery Pack 3.7V	-	AHDBT-302	-	Configuration n°1
Transcend microSD 2GB	-	9193AB AG 07SM1	-	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 Li-ion Polymer Battery Pack 3.7V	-	AHDBT-302	-	Configuration n°2
Transcend microSD 2GB	-	9193AB AG 07SM1	-	Configuration n°2

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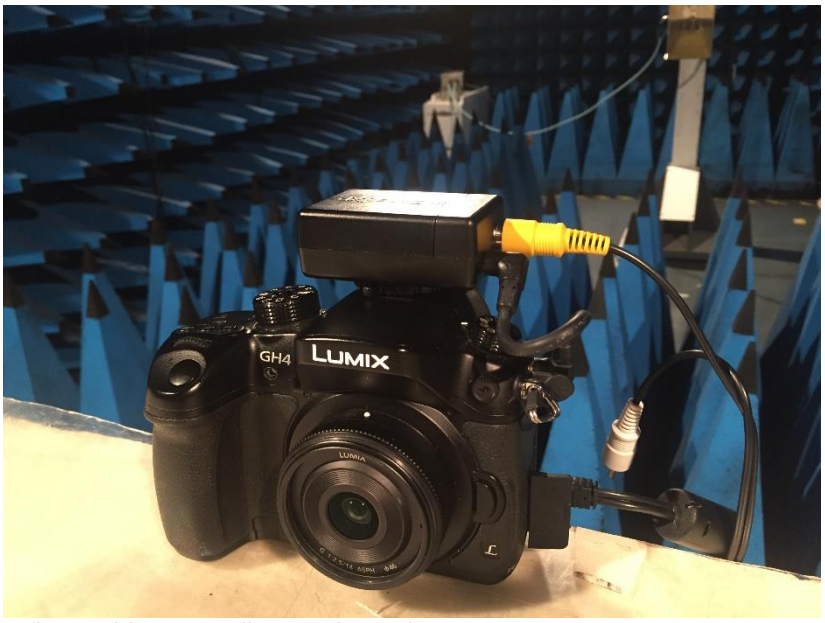
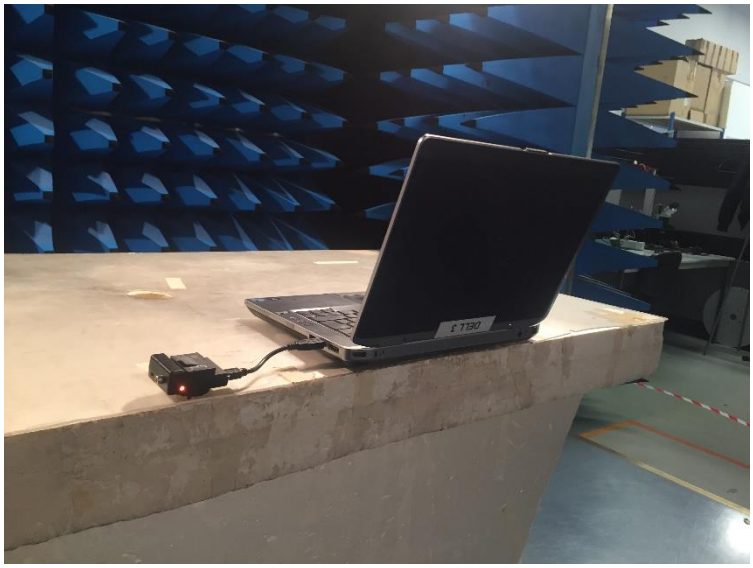
Software version of EUT: v0.9



Configuration n°1: SteadXP+ video recording mode, using LUMIX camera
When The Panasonic DMC-GH4 camera is recording , 2 cables are connected between SteadXP+ and camera.
SteadXP+ is supplied by internal battery (3,7VDC)



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 internal battery (3,7VDC) and the battery is charged during this connection.

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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 and 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.