DRONE VOLT

releases the new version of its intelligent camera AERIALTRONICS PENSAR

Villepinte, February 7,2018

AERIALTRONICS, a brand from DRONE VOLT Group, officially launches the new version of its PENSAR camera-computer driven by artificial intelligence.

A true technological feat, PENSAR is one of the world's first platforms with dual spectrum digital vision that allows real-time analysis of images or data. Infinitely customizable, it can be mounted on professional drone, mobile robot or used as an independent camera.

One of the world's first dual spectrum digital vision platforms with real-time analysis

PENSAR, developed in AERIALTRONICS' artificial intelligence laboratory, is one of the world's first dual spectrum digital vision platforms dedicated to real-time data analysis using a miniaturized NVIDIA® embedded processor with 1.5 teraflops of power. Its computing power, accelerated by the NVIDIA® Jetson™ GPU processor in the NVIDIA® Jetson™ module, enables it to detect, recognize, analyze and classify objects or people in real time. Simultaneous data acquisition and processing allows for immediate decision making.

Its integrated camera with a 30x optical zoom makes it possible to spot very small details. Another FLIR thermal camera is used to identify heat sources and determine their temperature. The streams from these two cameras, recorded simultaneously, help optimize image analysis in day and night time and bad weather conditions.

Unlimited potential for infinite applications

Infinitely customizable, this camera-computer offers unlimited potential and can be designed and adapted for multiple applications: surveillance, inspection, public security and anti-terrorist operations, search and rescue, etc. It can be used in a wide range of applications.

It's equipped with a system for facial recognition, object recognition such as license plates, animal recognition animals and similar tasks. A digital "privacy mask" can be integrated into the images to guarantee confidentiality and anonymity.

The intelligent platform comes with an Ubuntu Linux Open Source operating system that allows you to customize it to suit your needs. PENSAR is compatible with open source libraries such as Google's Tensor Flow.

Example of a possible application:

Police must urgently locate a stolen car in a parking lot where thousands of cars are parked. Mounted on a drone the PENSAR camera locates the license plate of the stolen car. The camera sends the order to the drone to fly over the car in question. All that remains is for the police to intervene immediately.

A global market for inspection and surveillance Drones estimated at $1.2 billion

With a global market estimated at approximately $1.2 billion by 2020, the forecasts announced by STATISTA in its study on the global growth of the market for professional UAVs in the field of inspection and surveillance, confirm the strong increase in demand for this industry.

Olivier Gualdoni, CEO of DRONE VOLT, said*: " Today, we are proud to present the brand-new PENSAR. This smart camera is the culmination of several months of research and development from the engineers at AERIALTRONICS' artificial intelligence laboratory; they pioneered the development of the first PENSAR and we decided to give this brilliant team the means to continue their work ".*

Technical specifications of the provided version:

- ➢ Dimensions: 112,5 x 98,5 x 67,5 mm
- ➢ Weight: 672 gr
- ➢ NVIDIA® Jetson™ TX1 GPU Processor
- ➢ Double spectrum SENSOR RGB thanks to the:
  Built-in Sony 30x Full HD Optical Zoom Camera - 1920x1080 Resolution / 30fps
  Boson FLIR integrated thermal camera
- ➢ Overlapping infrared FLIR fluxes and HD camera
- ➢ 64 GB MICRO SD card (+16GB of internal storage)
- ➢ Compatible with DRONE VOLT platforms: ALTURA ZENITH, HERCULES 5, HERCULES 10.
- ➢ Customizable and programmable according to the user's needs
- ➢ Availability: February 2018

Included in the provided version:

- ➢ Software UBUNTU LINUX
- ➢ Computer vision: hand-coding software routines, AI, SDK

Optional:

- ➢ Facial, object, license plate and animal recognition, etc.
- ➢ Privacy mask

For more information: www.aerialtronics.com

Downloadable visuals and PR : http://bit.ly/2BQu9NE

DRONEVOLT®

All DRONE VOLT press releases are available on www.dronevolt.com / Investisseurs

To receive all the press releases free of charge, subscribe to Actusnews

To receive the company newsletter, write to: finance@dronevolt.com

---

About DRONE VOLT

Founded in 2011, and with offices in France, Benelux, Canada, Denmark, the United States and Switzerland DRONE VOLT is specialized in the design and commercialization of civilian drones for professional use. As a global partner, it offers its customers turn-key professional solutions, including a variety of services and pilot training.

This young innovative company had a turnover of 7.8 million Euros in 2017 and is the leading audiovisual drone manufacturer. It also provides administration and industrial services for aerial photography. Its customers include FRANCE TELEVISIONS, TF1, Gendarmerie des Transports Aériens (GTA), POINT.P, etc. DRONE VOLT has been qualified as an "Innovative Enterprise" by Bpifrance.

DRONE VOLT is listed on the Euronext Growth market in Paris:
Action: Mnemonic: ALDRV.PA - ISIN code: FR0013088606 - Eligible: PEA, PEA-SME
BSA: Mnemonic: DRVBS - ISIN code: FR001286054

ELIGIBLE
PEA
PME

For more information go to www.dronevolt.com

Contacts :

FINANCE media relations
ACTUS finance & communication
Jean-Michel Marmillon – T : +33 1 53 67 36 73
dronevolt@actus.fr

GENERAL PUBLIC AND PROFESSIONAL media relations
DRONE VOLT
Céline Vergely – T : +33 6 08 42 75 84
celine@dronevolt.com

U.S. & INTERNATIONAL
Investor Relations
Thomas Renaud
Arrowhead Business and
Investment Decisions
48 Wall Street, 11th Floor |
New York | NY 10005
Office: +1 212 619-6889 ext.
7010
dronevolt@arrowheadbid.com