**Line Camera Assembly**

*September 5, 2019*

Package content

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| **Item** | **Description** |
| Line Camera Rev. A | New Circuit Board Assembly for Line Camera module. |
| DC/DC Converter | Spare converted board (black colored board). |
| DC/DC Converter and Changer | Spare replacement board for both the converter and the changer (blue colored board). |
| Power and battery monitoring cable | Cable that can be soldered on the current DC/DC converter. 2-pin JST connector and 1pin battery monitoring connector. |
| MicroSD card with Software | New software image file for the Raspberry Pi. |
| Camera flat flexible connector | Spare camera connector. |

Notes

* The unit’s software requires an update to be compatible with the new board. This can be done by simply replacing the microSD card on the Raspberry Pi, located in the camera facing side of the board, with the shipped card.
* Unit’s time zone and time value is set to EDT (-4 GMT) for use in Massachusetts, USA. Time zone and time can now be adjustable through the setup file.
* Unit has an optional GPS module. To use the GPS a potted external antenna must be connected to the module.
* The switch on the previous board is replaced with a blue jumper connector. The jumper is used to stop recording prematurely. When the jumper off the recording terminates.
* Battery monitoring connector plugs to the B+ pin located next to the blue switch jumper.
* All documentation, including the software image, software source, board schematic etc. available at: <https://github.com/ArthurBondar/Underwater-POV-Camera-Tag>

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