

Adding support to MAVLink command

1. Supports DO\_SET\_CAM\_TRIGG\_DIST command for photograph shooting.\*
2. Supports command for “Arm/Disarm” and “Navigate” on APP.

\* You would need both JM-1 autopilot system with firmware version higher than ver. 1.1.x and MA-1 gimbal system with firmware version higher than ver 1.0.92 to perform this function. For latest firmware versions, please visit -

<http://www.inf-drone.com/support/>.

Operation of Navigation Mode

The Navigation Mode is added to ACM, you may turn on this mode by flipping the designated ACM switch to activate Navigation Mode.

Set-up for Navigation Mode:

- Before executing Navigation Mode, please switch to GPS mode.
- Operation with Radio: Arm the JM-1 autopilot with the radio and flip the ACM switch to Navigation Mode to start navigation function.
- Operation with App: When JM-1 is disarmed, flip ACM switch to Navigation Mode and perform disarm and take-off on your APP.
- Keep the throttle level at midpoint to ensure the aircraft could hold the altitude when exiting Navigation Mode.

Protection under Navigation Mode:

- Return to Launch (RTL): When the aircraft is landing at the RTL route under Navigation Mode, you will have control over elevator, aileron, and rudder to land the aircraft at safe location.
- Low Voltage Protection: Low voltage protection will still be activated according to your setup.
- Radio Signal-Loss Protection: The JM-1 will ignore radio signal-loss protection under Navigation Mode, which means, the aircraft will continue to finish the flight mission even when radio signal is lost. Signal-loss protection will only be activated after navigation mission is completed.

To Exit Navigation Mode:

- 1) Flip the ACM switch to any other mode to exit Navigation Mode (preferred)
- 2) Flip the flight mode switch to any flight mode other than GPS mode.

#### Customizable Baud Rate:

You may choose either 57600bps or 115200bps according to the Baud rate of your RF modem. Please go to More page on PC interface or APP on your mobile devices to finish the setting.