| | | |
|---|---|---|
| **Date** | **:** | **2014/11/07** |
| **IMU firmware version** | **:** | **1.0.18_beta** |
| **GCU firmware version** | **:** | **2.0** |
| **Z15 Assistant software version** | **:** | **1.4** |
| **Z15 User manual version** | **:** | **2.0** |

**Functions:**

- **Three axes stability**
- **HDMI - AV module**
- **Shutter control**
- **Maximum controlled rotation speed：**

  **Pan 130°/s**

  **Tilt 130°/s**

  **Roll 30°/s**
- **Supported camera and lens types：**

  **1. Nex-5N with Sony 16mm**

  **2. Nex-7 with Sony 16mm**

  **3. GH2 with Lumix G14 mm/F2.5**

  **4. GH2 with Lumix G20 mm/F1.7**

  **5. Nex-5R with Sony 16mm**

**What's new?**

**GCU firmware upgrade:**

Support with the latest A2 flight control system firmware (V2.4).

**Important**

The function of Z15-N video recording requires to be used in conjunction with the new HDMI - AV hardware (V2).

| | | |
|---|---|---|
| **Date** | : | **2013/12/26** |
| **IMU firmware version** | : | **1.0.18_beta** |
| **GCU firmware version** | : | **0.0.12** |
| **Z15 Assistant software version** | : | **1.4** |
| **Z15 User manual version** | : | **2.0** |

**Functions:**

- **Three axes stability**
- **HDMI - AV module**
- **Shutter control**
- **Maximum controlled rotation speed：**

   **Pan 130°/s**

   **Tilt 130°/s**

   **Roll 30°/s**

- **Supported camera and lens types：**

   **1. Nex-5N with Sony 16mm**

   **2. Nex-7 with Sony 16mm**

   **3. GH2 with Lumix G14 mm/F2.5**

   **4. GH2 with Lumix G20 mm/F1.7**

   **5. Nex-5R with Sony 16mm**

**What's new?**

**GCU firmware upgrade:**

Support with the latest A2 flight control system firmware.

**Important**

 The function of Z15-N video recording requires to be used in conjunction with the new HDMI - AV hardware (V2).

| | | |
|---|---|---|
| **Date** | : | **2013/03/27** |
| **IMU firmware version** | : | **1.0.18_beta** |
| **GCU firmware version** | : | **0.0.10** |
| **Z15 Assistant software version** | : | **1.4** |
| **Z15 User manual version** | : | **2.0** |

**Functions:**

- **Three axes stability**
- **HDMI - AV module**
- **Shutter control**
- **Maximum controlled rotation speed：**
  **Pan 130°/s**
  **Tilt 130°/s**
  **Roll 30°/s**
- **Supported camera and lens types：**
  **1. Nex-5N with Sony 16mm**
  **2. Nex-7 with Sony 16mm**
  **3. GH2 with Lumix G14 mm/F2.5**
  **4. GH2 with Lumix G20 mm/F1.7**
  **5. Nex-5R with Sony 16mm**

**What's new?**

- Supported camera and lens type：
  Nex-5R with Sony 16mm

**Important**

 The function of Z15-N video recording requires to be used in conjunction with the new HDMI - AV hardware (V2).

| | | |
|---|---|---|
| **Date** | **:** | **2012/11/19** |
| **IMU firmware version** | **:** | **1.0.18_beta** |
| **GCU firmware version** | **:** | **0.0.10** |
| **Z15 Assistant software version** | **:** | **1.4** |
| **Z15 User manual version** | **:** | **1.9** |

**Functions:**

- **Three axes stability**
- **HDMI - AV module**
- **Shutter control**
- **Maximum controlled rotation speed：**

  **Pan 130°/s**

  **Tilt 130°/s**

  **Roll 30°/s**

- **Supported camera and lens types：**

  **1. Nex-5N with Sony 16mm**

  **2. Nex-7 with Sony 16mm**

  **3. GH2 with Lumix G14 mm/F2.5**

  **4. GH2 with Lumix G20 mm/F1.7**

**What's changed?**

- Fix the problem that the gimbal is bouncing when toggle the working mode switch.
- Fix the problem that the roll axis drifts quickly after the calibration of the gimbal.

**What's new?**

- S-Bus & PPM Receiver supported (S-Bus -> AUX2，PPM ->AUX3).
- If DJI iOSD is used, the gimbal attitude information ( PAN / TILT / ROLL ) is available for display on screen.
- Video recording is available for Z15-N gimbal (AUX3).

**Important**

The function of Z15-N video recording requires to be used in conjunction with the new HDMI - AV hardware (V2).

| | | |
|---|---|---|
| **Date** | **:** | **2012/09/05** |
| **IMU firmware version** | **:** | **1.0.16_beta** |
| **GCU firmware version** | **:** | **0.0.8** |
| **Z15 Assistant software version** | **:** | **1.2** |
| **Z15 User manual version** | **:** | **1.7** |

**Functions:**

- **Three axes stability**
- **HDMI - AV module**
- **Shutter control**
- **Maximum controlled rotation speed：**

  **Pan 130°/s**

  **Tilt 130°/s**

  **Roll 30°/s**
- **Supported camera and lens types：**

  **1. Nex-5N with Sony 16mm**

  **2. Nex-7 with Sony 16mm**

  **3. GH2 with Lumix G14 mm/F2.5**

  **4. GH2 with Lumix G20 mm/F1.7**

**What's changed?**

- Optimize the pan control in Orientation-locked Mode, to make pan control much more accurate and stable.
- Fix the roll control in Orientation-locked Mode. Roll is locked level in range of 0~2/3 command stick. Command stick stands for roll rotation velocity in range of 2/3~endpoint, the large the command stick movement, the bigger the rotation velocity.
- In Orientation-locked Mode and FPV Mode, cancel the servo driver module self-protection when gimbal is blocked, in order to keep the gimbal retaining the original status during sharp turn.

| | | |
|---|---|---|
| **Date** | **:** | **2012/08/08** |
| **IMU firmware version** | **:** | **1.0.14** |
| **GCU firmware version** | **:** | **0.0.8** |
| **Z15 Assistant software version** | **:** | **1.1** |
| **Z15 User manual version** | **:** | **V1.5** |

**Functions:**

- **Three axes stability**
- **HDMI - AV module**
- **Shutter control**
- **Maximum controlled rotation speed：**

    **Pan 130°/s**

    **Tilt 130°/s**

    **Roll 30°/s**

- **Supported camera and lens types：**

    **1. Nex-5N with Sony 16mm**

    **2. Nex-7 with Sony 16mm**

**What's changed?**

- Fix the problem that the gimbal will not move after power on.
- Fix the problem that pitch cannot turn back to center after self-test.
- The three axis will be back to center after reset and uncontrollable in the FPV Mode (Reset).
- The control method of Orientation-locked Mode is changed.

**What's new?**

- The gimbal can be controlled to be forward or down in the FPV Mode (Reset) by a 2-position switch.
- Supported camera and lens types：

    GH2 with Lumix G14 mm/F2.5

    GH2 with Lumix G20 mm/F1.7

| | | |
|---|---|---|
| **Date** | **:** | **2012/06/12** |
| **IMU firmware version** | **:** | **1.0.12** |
| **GCU firmware version** | **:** | **0.0.4** |
| **Z15 Assistant software version** | **:** | **1.0.00** |
| **Z15 User manual version** | **:** | **V1.0** |

**Functions:**

- **Three axes stability**
- **HDMI - AV module**
- **Shutter control**
- **Maximum controlled rotation speed：**

  **Pan 130°/s**

  **Tilt 130°/s**

  **Roll 30°/s**

- **Supported camera and lens types：**

  **1. Nex-5N with Sony 16mm**

  **2. Nex-7 with Sony 16mm**

**What's changed?**

**None**