Ultra light 5-axis camera stabilisation system for professional filming
System Overview

The DynaX5 is an ultra light 5-axis gyro stabilised head for un-shakable stability. It was designed from ground up to support many different camera and lens options, allowing for changing payload in minimal rigging time, even in the field.

Using a state of the art fibre-slipring, the DynaX5 can supply up to 6 SDI channels (4x 3G 4K, 1x 3G Preview and 1x GEN-LOCK into gimbal) and 2 fibre channels (for bidirectional camera to CCU communication). In addition a Gigabit Ethernet connection is also provided.

Compatibility via industry standard mounts for
• helicopters
• gyrocopters
• ultralight/light-sport aircraft
• UAVs/drones
• snowmobiles
• cranes
• cars
• quads
• boats
• cable & spider cam systems

Highlights of the DynaX5
• advanced steering with look down capability and hands-off advanced autohorizon
• touch-screen enhanced operating panel with Soft-RCP functions and SDI overlay
• gimbal transport in just 2 boxes, each below 32 kg (71 lbs). No disassembly of the turret for transportation required
• easily integrated onto a wide range of mounting platforms
• a plug and play system that rigs up fast and is ready to fly with minimal setup time
• compatible with most FAA & EASA approved aircraft mounts
• no ITAR restrictions or EAR licencing requirements
• very small and lightweight PowerBox
**GIMBAL MOVEMENT RANGE**

- **Pan**: 360° horizontal (continuous)
- **Tilt**: 260° vertical (symmetrical)
- **Roll**: ± 45° roll/horizon

**INTERFACES**

- SDI 1.5G/3G/6G/12G (HDMI via Monitor)
- Ethernet
- DynaX5 AUX Connector for Power & Communication

**ENVIRONMENTAL**

- Operating temperature: -10 °C..+40 °C
  (+14 °F..+104 °F)

**POWER SUPPLY**

- Voltage: 20..32 VDC
- Maximum Current*: 15 A
- Typical Current*: 5 A
- Quiescent Current*: 2 A

**WEIGHTS (STANDARD SET UP)**

- **Turret***: 21 kg (46.3 lbs)
- **Turret incl. payload***: 26..32 kg (57.3..70 lbs)
- **Operating Panel**: 5 kg (11.0 lbs)
- **Powerbox**: 2 kg (4.4 lbs)

*depending on camera payload
Operating Panel

**Key Features**
- Ergonomic, user friendly and lightweight
- Integrated 7.7” HD monitor with zebra/histo/waveform
- Integrated HD/UHD/4K SSD recorder
- Integrated touchscreen for remote control of cameras
- Optional dedicated Broadcast RCP
- Intuitive menu controls of the DynaX5, with options to save customised setups for individual users
- Steerable, advanced auto horizon
- Automatic reduction of joystick sensitivity with zoom rate
- Display of absolute lens values
- Control of ENG lens extender
- SDI overlay
- Steering via integrated joystick, drift-knobs, external devices, or computer controlled

**Optional Features**
- External input for third-party devices, such as handwheels, joysticks, focus-puller remotes, etc.
- Ethernet and wireless kit for remote radio control of gimbal and integrated camera
- Control interface for timed/automated computer controlled movements (motion control)

Other features on request
DynaX5 supports a wide range of CINE and BROADCAST cameras and lenses for your specific needs. A software RCP (remote camera control panel) is provided from the DynaX5 operating panel.

**CINE CAMERAS**
- ARRI Alexa Mini
- RED DSMC-1 & DSMC-2 brains
- Black Magic Ursa Mini/Pro

**CINE LENSES**
- ARRI Alura 15.5-45
- ARRI Alura 30-80
- ARRI/Fujinon 14-35, 19-90, 20-120 & 85-300
- Angénieux Optimo 15-40, 28-76 & 45-120
- Angénieux Optimo Style 16-40 & 30-76
- Canon CN7x17
- Canon CN-E30-105
- Zeiss CZ.2 28-80, 70-200, 21-100

**BROADCAST CAMERAS**
- Sony HDC-P1/a, HXC-P70 & P43
- Grass Valley LDX C82
- Grass Valley LDX C86N 4K
- Panasonic AK-UB300 4K
- Ikegami HDL-4500
- PhaseONE iXU
- Hitachi DK-H200

**BROADCAST LENSES**
- Canon HJ24ex Series
- Canon HJ18ex Series
- Canon HJ22ex Series
- Canon CJ20ex (UHD) Series
- Canon CJ12ex (UHD) Series
- Fujinon HA25x Series
- Fujinon UA22x (UHD) Series

Kits for other cameras and lenses on request
The DynaX5 can be easily configured and rigged to your application. With the modular approach the following elements can be configured, even right there on set or in the field:

1. **MOUNT ADAPTERS**
   As required, different adapters can be fitted to the gimbal to attach it to just about any industry standard mount.

2. **CAM-KIT**
   Various camera-kits are available for the DynaX5, which allows easy and fast integration of a camera into the gimbal - within minutes!

3. **LENS-KIT**
   Our flexible lens kits allow for very fast exchange of lenses. The supplied lens-motors can be adjusted quickly to a wide range of lens diameters, so your rigging time is minimized can be done even on the field!

4. **OPERATING PANEL - GOP**
   The GOP’s touch-screen software is profile based, allowing to quickly load various camera and lens setups. Additional devices, such as a camera RCP, can be attached to the GOP’s accessory-plate.
Quick steps to your DynaX5:

Understanding your requirements
Dynamic Perspective prides itself to provide you with a camera stabilisation system that is right for your needs. We aim to equip you with all the necessary tools and skills to empower you to get the best results with your DynaX5.

Your personal sales contact
Throughout the entire process your personal sales contact will develop the right solution with you. Regardless of your intended application, the configuration of your DynaX5 can be customised to suit your needs. The good relationship with your sales contact forms the basis to provide you with a camera stabilisation system that assures the best results for your requirements.

Assistance with initial setup
Upon delivery of the DynaX5 to your premises, we provide you with on-site assistance for initial setup of the system. We make sure that all configurations fit and work with your existing equipment.

Staff training on your premises
With the initial setup of the DynaX5, we provide in depth training for you and your staff to use the system. Our highly skilled technicians will teach you all important procedures and configuration options. The whole setup and installation process will be practiced to ensure that you are best equipped for successful productions with the DynaX5.

Optional Service Level Agreement
“Service is our success.” Stay connected with us with the right SLA for your needs. We offer a personal global service that is ready to address your needs wherever you are. Your personal sales contact will work out the right level of service agreement with you.

Maintenance by qualified regional service partners
Our specially selected and trained global service team will be at hand to support you in keeping your DynaX5 gimbal fit for the next production.
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