

## **Polecam gets clever with Ronin and excels with Toshiba at IBC2015**

Polecam Systems will exhibit a new innovative Polecam remote head at IBC2015, a winning combination of Polecam + gimbal, extending further the range of remote head options for their lightweight, portable single operator crane system.

Polecam will be on show on stand 10.C49 with a Ronin M gimbal fully interfaced to the crane system, offering a new dimension and extending Polecam's shooting capabilities now even further. This innovation will bring further benefits when using zoom lenses on a rig and when operating in difficult weather situations.

UK Polecam DOP John Gillan has already been testing the unit on the latest rounds of the Red Bull cliff diving event with great results. "Whether it's a Jimmy Jib or a Polecam – strong wind is always tricky for a jib but I knew that with the recent developments of gimbal technology this could be the answer. The results were brilliant" said John.

Polecam Systems also offer bespoke interfaces for other leading gimbal manufacturers.

Also on show will be the very latest Toshiba minicams. Polecam Systems was recently appointed by Toshiba as their European Centre of Excellence for their range of broadcast products. The appointment was awarded to Polecam Systems by way of their excellent knowledge of the broadcast market, in-depth knowledge of minicams and their applications, good demonstration and loan stock availability, along with technical support, training facilities, and in-house engineering.

See the Toshiba IK-4K minicam, the world's smallest 3-chip UltraHD 4K video camera providing 8Mp 3840 x 2160 output and showing extraordinary detail with up to 1600 TV lines resolution. Video output is switchable between 4k, 1080p and 1080i formats to configure to any HD display and application - all in the world's smallest 3-chip C-Mount package.

Also the flagship IK HD5H 3CMOS camera head, which not only features Toshiba's signature Microprism technology but also native HD 1080p/i resolution in every channel, twice the sensitivity and 25% improved S/N ratio in a ultra-small housing. And it doesn't end here. The all new CCU IK-HD5E introduces the use of an adjustable Knee and Clip functionality which alone doubles up the dynamic range so the user can experience sharp colour quality in both the blazing bright and the darker parts of the scene. Toshiba has added a 3G-SDI output to ensure full HD 1080p output. The IK-HD5 also includes a removable IR cut filter - a revolutionary feature that opens up a whole new range of fluorescence imaging applications.

The extended resolution offered by these latest cameras needs a high resolution lens that matches their performance and on the stand you can see the latest offering from Fujinon, the Fujinon TF4XA-1, a perfect match for the Toshiba Cameras. Polecam's designer Steffan Hewitt said: "You don't put low performance tyres on a Ferrari! Excellent quality glass on a top quality camera gives fantastic results."

Finally, don't miss the superb Antelope Pico High Speed Camera, a minicam delivering spectacular extreme slow motion and previously unrevealed details from vantage points where no other camera has gone before. Antelope PICO records with up to 520 frames per second in native HD. The system is based on a 2/3" CMOS 2K chip and guarantees high detail and unsurpassed light sensitivity. The de-flickering technology eliminates lighting related flicker in real time.

[www.polecam.com](http://www.polecam.com)   [www.jgbroadcast.tv](http://www.jgbroadcast.tv)   [www.dji.com/product/ronin](http://www.dji.com/product/ronin)

Polecam is a single operator, lightweight, highly portable, comprehensive and modular crane system which has a quick and easy rig/derig time, allowing you to take it with you and use it in a whole range of situations to give your camera the ability to elevate and track and add smooth movement whenever and wherever you want.

If you make programmes or movies there has never been a better time with such a wide choice of high performance cameras available, many of them more affordable than ever before. The camera may be your primary creative tool but there is one piece of grip which will easily raise the bar on your production values and give you the edge.

Polecam when fitted with either of the existing modular Long, Wide or Narrow Remote Pan and Tilt electronic heads is, just as comfortable with large format cameras such as RED, Sony F5/55/FS7, Canon C100/300/500, Blackmagic, Panasonic DSLR GH4 and it is at ease with the excellent 4K/HD5/2/1 minicams from Toshiba and the high speed Antelope PICO minicam to add ultra slow motion.

Add the Polecam FishFace underwater head and housing and you can shoot above water and then drop the head live under the water and continue shooting there. Add the PICO and shoot ultra motion underwater.

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