



New - Global shutter autofocus-zoom block cameras from Active Silicon

Following on from the success of our autofocus-zoom block cameras, we're delighted to now offer two new options with a global shutter sensor for enhanced industrial inspection, remote surveillance, law enforcement, ITS and aerospace applications. Images of fast-moving objects are captured without the distortion that occurs with rolling shutters.



The [USB/HDMI AF-Zoom Block Camera](#) with Tamron MP2030M-GS delivers simultaneous HDMI and USB 3.1 video output. It offers a wide range of UVC camera control features (including zoom and focus) so that standard USB Video Class 1.1 (UVC) software applications can be used to control the camera and view the USB video. A fully featured example UVC video application is available as part of the [Harrier USB SDK](#). Additional camera control features are available over USB using VISCA commands sent to the camera via a virtual COM port.



Our [HD-SDI AF-Zoom Block Camera](#) with Tamron MP2030M-GS combines the high-quality CMOS sensor of the Tamron with our advanced [Harrier processing technology](#), delivering HD-SDI (1080p/30, 720p/60) output as well as HD-VLC™ compressed video for very long cable length applications. This makes the camera ideal for mounting in inaccessible areas and is a perfect solution for motion-sensitive applications such as traffic monitoring, ANPR and toll station use.

Global shutters improve image quality

Both cameras benefit from Tamron's excellent 30x optical zoom and 16x digital zoom and full HD image output at 1920 x 1080p (30 fps) or 720p (60 fps). The autofocus-zoom functionality brings excellent flexibility to a vision system as the camera will quickly re-focus with no mechanical adjustment required when the object scenery changes. Additional features include Wide Dynamic Range mode, 3D noise reduction, keystone correction and motion detection.

The full specification for the cameras can be seen on our [website](#). Other modules in our range include the extremely compact [USB/HDMI](#) and [3G-SDI/HD-SDI](#) AF-Zoom Block Cameras with Tamron MP1110M, ideal for pipe inspection and long-reach video applications, and [USB/HDMI](#) and [3G-SDI/HD-SDI](#) AF-Zoom Block Camera with Sony FCB-EV7520A, which can be easily retro-fitted into applications that have previously used the FCB-EV7520.



Trusted by thousands

Active Silicon has been advancing machine vision, industrial inspection and medical imaging for over 30 years with our [interface boards](#), [camera modules](#), [embedded systems](#) and [frame grabbers](#). [Get in touch](#) to see how we can bring world-class quality to your high-speed or long-reach vision system.

Active Silicon is a leading manufacturer of imaging products, embedded systems and custom solutions. If you would like to stay informed of upcoming events, products and news in general, then please follow us on one of our social media channels below.



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