

# PRESS RELEASE

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FOR IMMEDIATE RELEASE

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## New high-performance cameras with powerful 40x autofocus-zoom

Active Silicon's [Harrier family](#) continues to grow as more compact and cost-effective autofocus-zoom modules are added. The latest addition brings 40x optical zoom to a camera measuring just 101 x 54 x 64 mm (L x W x H).

### Camera capability

The [Harrier 40x AF-Zoom Camera](#) is fitted with a 2MP Sony CMOS sensor and offers real-time full HD 1080p – 60/30 fps or 720p – 60/30 fps video output. It's compatible with all of Active Silicon's [Harrier camera interface boards](#), which can convert the camera's LVDS output to video formats including 3G-SDI, HD-VLC, USB3 (UVC), HDMI and, coming soon, H.264 IP Ethernet and MIPI CSI-2.

Special features of this autofocus-zoom block camera include Digital Image Stabilization, Digital Noise Reduction (DNR 2D+3D), Wide Dynamic Range (WDR), Privacy Mask Function, High Light Compensation (HLC), Intelligent Motion Detection, Defog Function and Day & Night mode (ICR). Serial VISCA or Pelco-D/P Control Protocol are available to control the camera.

### Suitable applications

The [Harrier 40x AF-Zoom camera](#) is compact and light yet powerful enough to be ideal for a range of applications including surveillance, defense, transport, industrial inspection and remote monitoring. The HD-VLC® model supports high-speed video transmission up to 3Gbps over very long cable lengths and slip rings, further increasing its flexibility.

Due to their high speed and ease of control, the cameras are particularly well-suited for use in applications where real-time data acquisition is essential, for example, mounted on UAVs and ROVs.

Units can be supplied pre-assembled with the required [Harrier interface board](#) closely integrated, enabling output in several formats so vision systems can be upgraded with minimum effort and expense.



Image: The Harrier 40x AF-Zoom Camera is available with different video output options, including LVDS, 3G-SDI, USB3, HDMI, H.264 IP and MIPI-CS12.

Find this image in our image gallery:

<https://www.activesilicon.com/news-media/image-galleries/camera-interface-boards/>

### Innovative customization and support

Active Silicon's engineers can [design or customize](#) hardware and firmware to perfectly suit customer requirements, and the [support team](#) will assist with set up and long-term assistance. View the full range of [imaging components](#) online and [contact Active Silicon](#) for creative solutions for your vision system.

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### Links for online publication:

Active Silicon Website: <https://www.activesilicon.com/>

Harrier 40x AF-Zoom Cameras:

[https://www.activesilicon.com/products/cameras/?fwp\\_optical\\_zoom=40x](https://www.activesilicon.com/products/cameras/?fwp_optical_zoom=40x)

Image: <https://www.activesilicon.com/news-media/image-galleries/camera-interface-boards/>

### About Active Silicon Limited:

Active Silicon, a Solid State plc group company, designs, manufactures and supplies imaging and embedded vision systems allowing the capture, processing, and transmission of image data in high performance and critical environments. World-class products include innovative embedded systems for IoT and related applications, pioneering autofocus-zoom cameras and high-speed acquisition cards allowing continuous real-time, high-resolution image capture. Established in 1988, Active Silicon has a longstanding, global customer base and Active Silicon's products have applications in many areas of industry, science, and technology - including advanced manufacturing, life sciences, robotics, medical imaging, security and defense.