

## June 2021 - PRODUCT FOCUS

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### High performance cameras with powerful 40x autofocus-zoom

Our **Harrier family** continues to grow as we add more compact and cost-effective autofocus-zoom modules. The latest addition brings 40x optical zoom to a camera measuring just 101 x 54 x 64 mm (L x W x H).

#### The Harrier 40x AF-Zoom Camera

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 our **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**.

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## Features include:

- Digital Image Stabilization
- Digital Noise Reduction (2D+3D)
- Privacy Mask Function
- High Light Compensation
- Intelligent Motion Detection
- Defog Function and Day & Night mode
- Serial VISCA or Pelco-D/P Control Protocol to control the camera

## Suitable applications

The **Harrier 40x AFZ camera** is **compact** and **light** yet **powerful** enough to be ideal for a range of applications including

- Surveillance
- Defense
- Transport
- Industrial inspection
- 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.

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Due to their high speed and ease of control, the cameras are particularly well-suited to be used where **acquiring data in real-time** 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.



## Innovative customization and support

Our engineers can **design or customize** hardware and firmware to perfectly suit your requirements, and our **support team** are on hand to assist with set up and long-term assistance.

### Further information

View the full range of **imaging components** online and **contact our experts** for creative solutions for your vision system.

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**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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