

## November 2019 - PRODUCT FOCUS

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### Latest Harrier USB/HDMI board delivers more choice for autofocus zoom block camera applications

Active Silicon has added a new product to the innovative Harrier range – the **USB/HDMI Camera Interface Board**. This interface solution provides simultaneous HDMI and USB Video Class (UVC) v1.1 output for autofocus zoom cameras including the **Tamron MP1110M-VC**, **MP2030M-GS** and **Sony EV** series. It serves as both video output and USB control input port and can support modes up to 1080p60.

The **Harrier USB/HDMI board** can also be supplied mounted to a Tamron MP1110M-VC or Sony FCB-EV7250A autofocus zoom camera.



*Active Silicon's Harrier USB/HDMI camera interface board, board only and mounted to a Tamron MP1110M-VC camera*

**USB Video output** is enabled when the board is connected to a SuperSpeed USB 3.x host. When an HDMI cable is connected, the **HDMI output** is enabled. On power-up, the camera video mode may be selected by the DIP switch settings on the board. Camera video modes, along with other camera and interface board functions, may also be controlled by serial communications over **RS-485/RS-232/TTL**, or by using **USB commands** over the USB connection.

The USB interface serves as both (UVC) video output and USB based control input port. For developers who are new to creating UVC based applications, there is a **working example UVC application** and software API in the **Harrier USB Software Development Kit**.

[Enquire about this camera interface board](#)

## Active Silicon's Harrier range

Harrier products extend camera capability for challenging vision applications such as pipe inspection, robotics, ROVs, UAVs, medical imaging, law enforcement and remote vision in general. They deliver high-definition, real-time imaging over long cable lengths even when using multiple slip rings. In addition to the USB/HDMI board, the range also includes a **3G-SDI interface board** and an **SDI adapter** for format conversion of 3G-SDI and HD-SDI video streams and USB video capture.




[Find out more](#)

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