

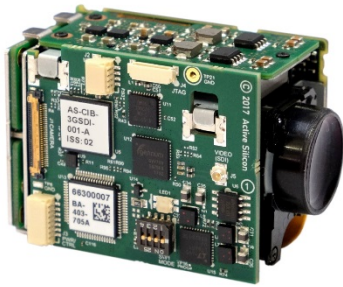
Adding vision to surgical lamps with Active Silicon's Harrier series

Active Silicon's new **3G-SDI Harrier camera interface board** offers real-time HD video transfer over multiple slip rings in series and greater cable lengths to enhance video and imaging in the operating theater.

The board fits perfectly onto the side of Tamron MP1010M-VC and MP1110M-VC cameras, as well as other autofocus zoom cameras including the Sony FCB range, which can then be fitted into surgical lamps or other fixtures within the surgical environment.



The Harrier 3G-SDI Camera Interface Board



- Smallest and coolest running board on the market.
- Takes full advantage of HD digital video.
- Supports all the HD-SDI and 3G-SDI modes of the camera up to 3 Gbps.
- Simultaneous high quality analog video (800 TVL) and digital video (720p50/60).
- Full screen image on 16:9 and 4:3 monitors.
- Multiple slip rings can be used.

Applications and innovations

The Harrier solution enables the transmission of real-time, high-quality digital video in imaging and surveillance applications. Video captured in the operating theatre can be used in live observation and teaching, advanced surgical imaging including AR programs or recorded for viewing at a later date. Similarly, applications using endoscopes, microscopes, ROVs, drones and robotics will also benefit from this compact and cost-effective board. Tests with compatible hardware have proven HD-VLC™ (HD) video transfer over coax cables in excess of 700m and encompassing several slip rings in series.

The full description and spec for the Harrier interface board are on our [website](#). You can also read our [whitepaper](#) on HD long-reach video transmission technologies.

Active Silicon is a leading manufacturer of imaging products and embedded vision systems. 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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