



Making the invisible visible

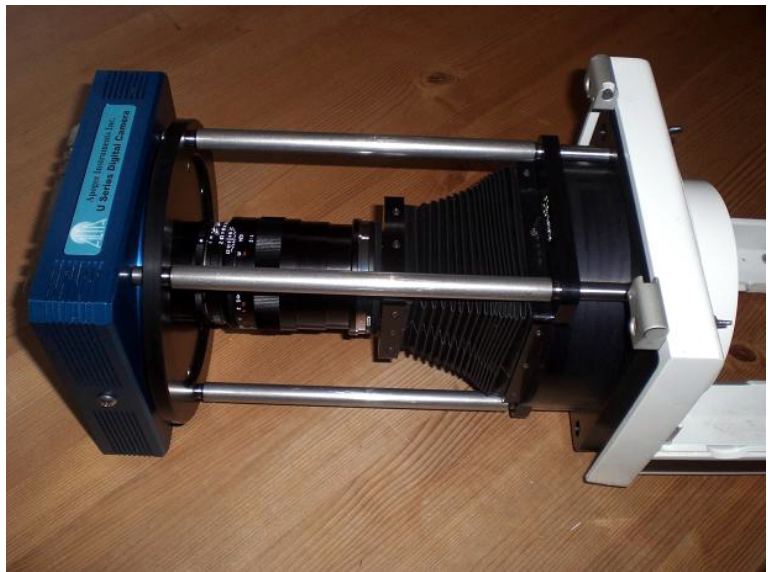
790 UHSi

Digital Readouts Imacon & UltraNac

Invisible Vision can provide a range of digital readout systems for older image converter framing and streak cameras such as the Imacon 790 and UltraNac in both cooled and uncooled versions to replace the existing film-back. Performance is broadly equivalent to the existing 667 contact film.

Typically we offer a 16 mega-pixel sensor connected to a host PC or laptop by USB or Ethernet as required with typically 12 or 16 bit readout. Optical coupling to the screen is via a high performance macro lens. All systems are supplied with simple control software to enable the user to capture and store images.

Example 1 : Cooled 16 bit 16 Mega-pixel Imacon 790 Readout



Example 2 : Uncooled 12 bit 16 Mega-pixel UltraNac Readout



Alternative imaging sensors, pixel resolution, sensitivity, digitization depths and electrical interfaces i.e. fibre optic GigE or USB can and have all been accommodated depending upon application and user request.

Please contact Invisible Vision Ltd. to discuss your application.

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