

IMAGING





GT Vision

Europe's favourite microscope supplier



GT Vision is one of Europe's largest and most innovative optics companies. Based in Suffolk we are the largest independent optical microscope company in the UK providing sales, service, installation and training with the broadest range of allied accessories such as specialist microscope cameras, automation and measurement systems and analysis software.





We strive always to offer lowest prices, the highest quality, all major brands and numerous unique products, all backed by unbeatable warranties and technical support.

GT Vision's staff are experts in their field and are highly regarded for their technical ability and fast, reliable customer support.

GT Vision's products are available on-line and can also be seen at our retail outlets 'The One Stop Nature Shop'. We also attend numerous scientific and industrial exhibitions and conferences and we have our own dedicated specialist salesforce.

To ensure the very best support to our customers we have invested in our technical department which manages our ever expanding service organisation and R&D where we design and manufacture new products for OEM customers.



Lifetime Warranty

GX Microscopes products used in the UK qualify for Lifetime Warranty cover.

For conditions see our website or ask for details

GT Vision and our associated

companies have developed our own brands of high quality scientific products including:

GXMICROSCOPES

GX MICROSCOPES is our popular brand of microscopes with over 200 models supplied to almost every university and research establishment and all major industries in the UK. We also have a large number of users worldwide

GXCAM

GXCAM is our own high quality, well supported range of microscope imaging cameras



OS Science range of high quality scientific equipment including microtomes

GX value

Look out for our GX Value Range of microscopes, representing outstanding value for money. These microscopes are available at especially low on-line prices.



CAMERAS FOR MICROSCOPES

GXCAM Series

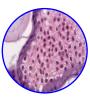
GXCAM

















GT Vision are probably the UK's largest supplier of cameras for microscopy. Our range of cameras for microscopy provide high levels of functionality at excellent prices and have been specially designed for microscopy use. The most popular are our GXCAM family which includes a range of useful accessories and a very comprehensive GXCAPTURE software package making them the most popular range of cameras we supply.

We offer a huge choice of camera systems at great prices, incorporating all the very latest in this technology. Cameras can be fitted to almost any type of microscope, many of our cameras include all the camera adapters you will need. We also offer adapters for almost every known make of microscope.

You can attach a camera to a phototube of a trinocular headed microscope or to an eyepiece tube of a binocular or monocular microscope—we are specialists in this area and can advise you exactly what you need.

HDMI DIRECT TO DISPLAY - USB TO COMPUTER - SD CARD - C-mount cameras

GXCAM— HICHROME Series - HDMI, USB & SD card



MODELS IN THIS RANGE: ID0541 HICHROME SMII 1080P ID0684 HICHROME LITE

High Resolution 1080P Live Camera Direct to Display & USB with SD storage - C-mount—no computer needed; also includes a USB link to PC and the superb GXCapture software suite, compatible also with our advanced GX Capture Pro software.

This stunning camera has a unique internal dual processor design producing fantastic colour images with no flicker. It connects direct to any HDMI display displaying 2.0MP (1920x1080) resolution images live at an amazing 60 frames per second. Superb performance in fluorescence. Simply one of the very best, truest colour, sharp, live image you can get for microscopy. To capture a 6MP image simply press the button to store onto a removable SD card. Perfect for industry, teaching, displays, demonstrations and collaborative work. Includes an eyepiece adapter, GX Capture software, a mouse for on-screen menu control, USB and HDMI cables. If not used on an eyepiece tube the camera requires a c-mount adapter.







HDMI, USB, SD Card & Built-in Display—our most popular camera

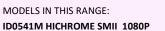


Turn any microscope into a true colour, high resolution digital microscope

Based on the HICHROME camera above but with a high resolution, tiltable HDMI monitor attached to the camera body. Making this a superbly useful camera for almost any purpose which you simply turn on and use with nothing to plug into, unless you want to of course.

Perfect for teaching & industry, giving strain-free, comfortable operation with a bright, crisp image.







Vi-Fi C-mount cameras - wireless live images to your phone or pad with holder

It is hard to think of a more useful device for teaching, training and



Supports multiple viewers from a single camera

for its pure convenience.

All the latest WiFi technology has been deployed in this incredibly simple-to-use and handy camera. Simply attach it to your microscope, download the free App and instantly see and capture images from the camera wirelessly.



MODELS IN THIS RANGE: ID0654 ECLIPSE Wi-Fi

CAMERAS FOR MICROSCOPES

GXCAM Series



USB-3 TO COMPUTER CAMERAS - superfast refresh rate

GXCAM3 Series USB-3 C-mount camera



GXCAM3 Series USB-3 C-mount microscopy cameras are designed to be attached to c-mount microscope adapters an excellent tool for a variety of applications. In particular their bandwidth means stunning fast refresh rates for live images. In addition, the USB 3.0 is perfectly tailored for the latest generation of CMOS sensors, which also have greater colour quality, hugely improved sensitivity giving bright, crisp images with a

great dynamic range allowing you to take advantage of all that new technology has to offer. In this range we have 5MP and 18MP versions. ID0814 GXCAM-U3-5 5MP Supplied with microscopy software and compatible with our advanced **GXCapture Pro software**

EXAMPLE MODELS IN THIS RANGE:

ID0815 GXCAM-U3-18 18MP

See also our GXCAM-U3-PRO



GXCAM3EY Series USB-3 Eyepiece tube cameras



GXCAM3EY Series USB-3 Eyepiece tube microscopy cameras can be inserted directly into a 23.2mm eyepiece tube on a microscope and we can supply adapters to make them fit 30mm and 30.5mm tubes. In this range we currently have a 5MP version.

Supplied with microscopy software and compatible with our advanced GXCapture Pro software

connection to the computer and many are compatible with our

MODELS IN THIS RANGE:

ID0816 GXCAM3FY-5 5MP

FLUORESCENCE C-mount cameras - high sensitivity

advanced GXCapture Pro software.



GT Vision are specialist suppliers of high performance, high sensitivity, low noise cameras for fluorescence including cooled CCD and high sensitivity CMOS sensors. Each camera is supplied with software that allows multiple channel image capture and merging and individual channel MODELS IN THIS RANGE: adjustment. This ensures the optimum image obtained from even the most difficult specimens. Most of these cameras have a USB

ID0235 GXCAM-FLUOMAX-S 1.3MP ID0155 GXCAM-5C 5MP ID7919 GXCAM-1.4MC



BASLER Series

Basler are Europe's largest manufacturer of machine vision and industrial cameras based in Germany. They have recently launched two superb ranges of truly exceptional quality cameras suitable for microscopy together with a microscopy software for the camera control and image acquisition. EXTENDED WARRANTY

CE Series USB-3 top quality C-mount camer



The Ace series are fitted with the very latest high performance CMOS sensor with extremely high refresh rates and simply the best achievable image quality. These cameras are a very small format, require no additional power supply and incorporate Basler's unique PGI technology which hugely enhances resolution and

MODELS IN THIS RANGE:

ID ACE1.2 1.3MP ID ACE2 2MP

ID ACES 5MP





PULSE Series USB-3 low cost <mark>C-mount camera</mark>



The Pulse series are Basler's more economically priced camera giving overall good performance with extremely high refresh rates and simply the best achievable image quality. These cameras are a very small format,

require no additional power supply. Featuring an ultra-modern cylindrical design.

image quality. Every camera is supplied with microscopy software.

MODELS IN THIS RANGE:

ID PULSE1.3 1.3MP

ID PULSE2 2MP

ID PULSE5 5MP



GT Vision

Europe's favourite microscope supplier



UK's Largest Microscope Servicing Organisation



Our service and technical team annually service and repair many thousands of microscopes across the UK. *ALL MAKES & MODELS SERVICED*.

We have a wealth of experience in the supply, maintenance and design of microscopes and accessories.

Call us now or email us for your quotation.

Our Microscope Servicing Facility is the base for our Microscopy Service Organisation and is fully equipped for the maintenance of microscopes and various accessories associated with microscopy such as stands, camera adapters, controllers and lamphouses

What is included in a Microscope Service:

- A full optical clean (this will include the eyepieces, objectives and condenser which are removed for inspection and cleaning)
- A full framework clean
- An inspection of the rack and pinion mechanisms and external adjustment where necessary
- An inspection of the stage, condenser and focus mechanisms and adjustment where necessary
- A full inspection of the assembled microscope with adjustments and realignments made where necessary
- Finally, the unit is tested for image quality using a suitable specimen, then identified by sticker that the unit has been serviced and when the next service is due
- The engineer will report any parts that need to be replaced, re-greased, repaired and if the microscope needs more significant cleaning requiring extra time. If minor repairs can be carried out within the allotted service time they will be made without extra charge

Special Engineering



GT Vision's experienced technical team manage the company's manufacturing, Servicing and R&D. One of our popular services is the development of special designs and modifications for our customers including entire products. A recent list of R&D projects includes:

- Special fibre optic illumination for 'bore' imaging
- XY attachable stages for stereo microscope and monozoom stages
- Rotatable polarised light assemblies for stereo microscopes and stands
- Light guide holders
- Special monitor and camera brackets for long reach microscopes ensuring a non-inverted image.
- LED conversions of microscopes

For custom designed microscopy related products or modifications contact our technical team for a quotation.

Other Interesting & New Products





High contrast, high magnification, coaxial illuminated, trinocular monozooms for Industry



Machine mountable measuring microscopes of almost every conceivable shape size, mounting and magnification





YOUR LOCAL SUPPLIER:

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Stansfield

Suffolk

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EM: sales@gtvision.co.uk

 ${\it Visit our On-Line Store \ to seeour full \ range:}$

www.gtvision.co.uk