



microEYE
INTERACTIVE



D I S C O V E R Y

VIDEOMICROSCOPE

HAVE YOU EVER HAD ONE OF THOSE "WOW" MOMENTS WHEN YOU LOOK DOWN A MICROSCOPE AND AN AMAZING NEW WORLD IS REVEALED?

If you have, then you can understand why we developed the **microEYE DISCOVERY** videomicroscope. We have created a high quality product for public interactive spaces that draws people in, amazes them with startling images and is tough enough to keep operating year after year.

microEYE DISCOVERY incorporates High Definition, widescreen camera technology allowing the viewing of a host of macro specimens on an HD TV or projector. Rocks, fossils, shells, insects, flowers, feathers, textiles, coins, circuit boards ... the list is endless.

It is tactile and designed for even the youngest visitor ...easy-to-use zoom and focus controls will put them in charge of what they are viewing. Ideal for unsupervised areas as well as educational groups. A selection of optional accessories broadens the range of viewing experiences.

A hardwearing, hardworking videomicroscope that will fit easily into existing exhibits, travelling exhibits or new projects.

microEYE DISCOVERY - enhancing the visitor's experience and giving them their "WOW" moment!





microEYE
INTERACTIVE



SPECIFICATIONS

Specifications and design subject to change without notice.

CAMERA RESOLUTION

HD1080p, 1920 x 1080 pixels @ 25/30 fps

FORMAT

16:9 widescreen

LENS

Macrozoom 10:1 ratio with zoom and focus slider controls; maximum object height approximately 100mm (4")

FIELDS OF VIEW

Varies with height of object and zoom level
Approximate Fields of View (mm)

	MINIMUM ZOOM	MAXIMUM ZOOM
FLAT OBJECT	90(H) X 50(V)	10(H) X 5.5(V)
OBJECT WITH HEIGHT OF 50MM (2")	69(H) X 39(V)	7.7(H) X 4.3(V)
OBJECT WITH HEIGHT OF 100MM (4")	46(H) X 26(V)	5.1(H) X 2.9(V)

ILLUMINATOR

MR-16 type, 3W LED spotlamp (Cree); white, approximately 6,000°k

VIDEO CONNECTION

HDMI; video output to a High Definition TV or projector

POWER

DC 12V

POWER CONSUMPTION

0.62A @ 12V

OPERATION

-20°C to 50°C; within 85% RH

TYPE OF USE

Indoor

WEIGHT/DIMENSIONS

Height (without plinth): 477mm
Height (with plinth): 510mm
Plinth/s: 540mm x 500mm
8.5kg (with plinth)

COUNTRY OF MANUFACTURE

New Zealand

THE MACRO WORLD AT YOUR FINGERTIPS



OPTIONAL ACCESSORIES

PLAIN PLINTH

For highlighting surface detail of most solid/opaque objects.

TRANSMITTED LIGHT PLINTH

For revealing details of transparent/translucent specimens. Can also be used for solid/opaque objects when transmitted light is switched off.

SPECIMEN TURNTABLE

Rotating turntable that holds multiple specimens. Fits to both plinths or onto a display table.

POLARISER

In conjunction with the transmitted light plinth, highlights specimens under polarised light.

