

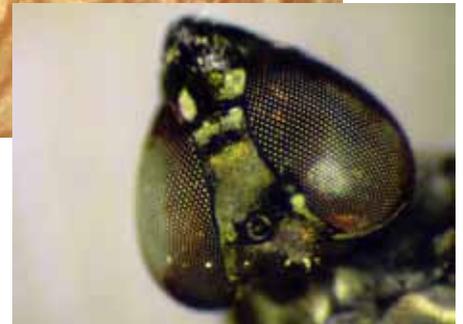
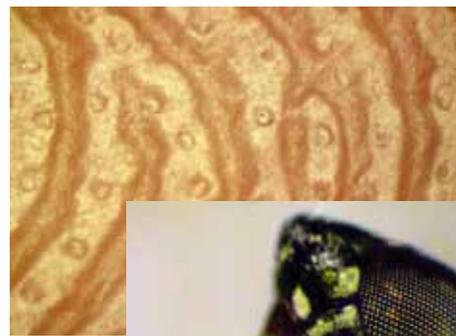
VISION 100

INTELLIGENT MAGNIFICATION



The DARAY **I**MAGNIFY[®] Vision 100 LCD-display digital microscope

Extremely versatile,
fantastic quality and
great value for money.



*Actual images captured with the Vision 100
Human fingertip (top), Fly head (bottom)*

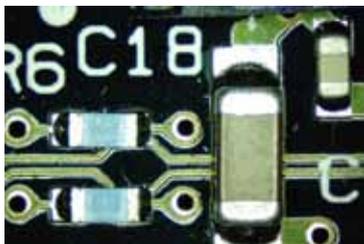
- 3.14 megapixel camera
- 8.4" TFT LCD screen
- Camera/video function display
- User-selectable reticles and grids
- Built-in 8Mb MMC/SD memory card
- High-capacity MMC/SD card support
- Stored image playback - 4x digital zoom
- Image capture with date-stamping
- Composite video and USB output
- Video record and playback function
- Multi-function LED light-source

ABOUT DARAY

DARAY have been established in the medical, dental and veterinary markets since 1968 building exceptional and durable products.

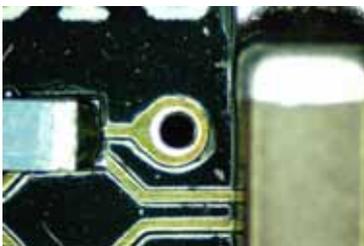
We shall continue to innovate; aiming to excel in our endeavours to deliver reliable solutions.

0800 804 8384



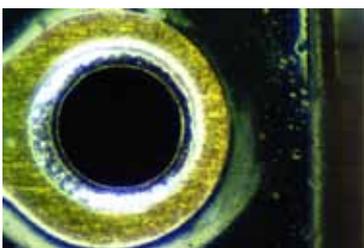
Adjustable light-source

The user can adjust the intensity, or turn on or off any of the four individual LED light-source zones to achieve the best possible image. The magnified image can be displayed on the LCD screen, for real-time viewing. Alternatively images can be viewed externally via USB or the AV port situated on the rear of the device.



Save images and video

Take photos or capture video; save the files to the built-in SD memory card and then view the files later on-screen with up to 4x digital zoom. The memory can be upgraded with larger MMC/SD cards (up to 512 MB).



Reticules and grids

User-selectable reticules and grids assist the user with grid-reference observation, data accumulation and simple measurement.

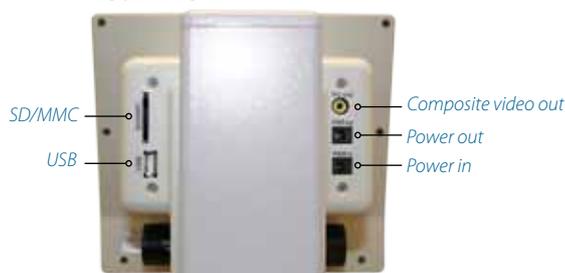
Incremental zoom sequence of a surface-mount circuit board

Front panel



Power on/off Intensity control Light-source zone control Reticules/grids controls Menu control Real-time/playback On-screen data Capture image/video

Rear view



SD/MMC USB Composite video out Power out Power in

PRODUCTS AVAILABLE

VISION 100	8.4" LCD-display digital microscope
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Options/accessories

VLDG01	Light diffuser glass		
VST01	Tall stand	VSS01	Short stand
VL05	0.5x lens	VL20	2.0x lens
VSL01	Side light-source	VBL01	Base light-source
VMR010	Micro ruler 0.1mm	VMR001	Micro ruler 0.01mm
VXY01	Digital micrometer controlled X/Y table		

SPECIFICATIONS

Zoom range	0.7x - 4.5x
Zoom ratio	1:6.5
Magnification	18.67x - 120.00x
Visual field	8.9 - 1.3mm
Working distance	92mm
Supply voltage	100 - 240v 50/60Hz

Accessories



VST01/VSS01 Different height stands



VXY01 Digital micrometer controlled X/Y table



VLDG01 Light diffuser glass



VSL1/VBL01 Side and base light-sources



FM08457

DARAY[®]
HEALTHCARE PRODUCTS