

# **I** **MAGNIFY**™

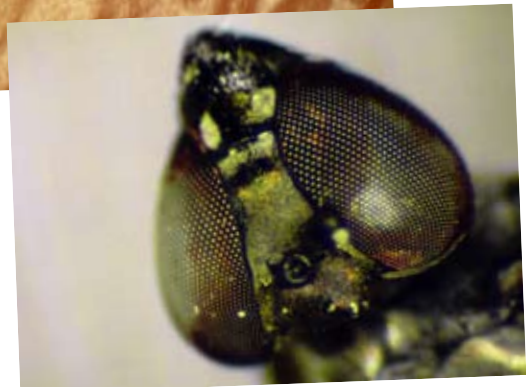
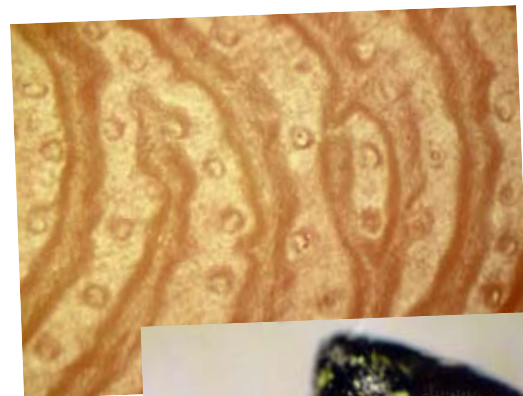
INTELLIGENT MAGNIFICATION

## **VISION 100**



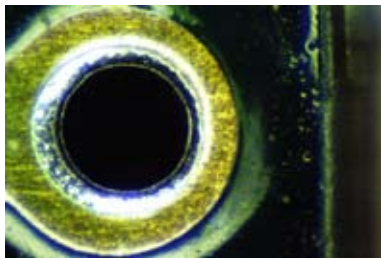
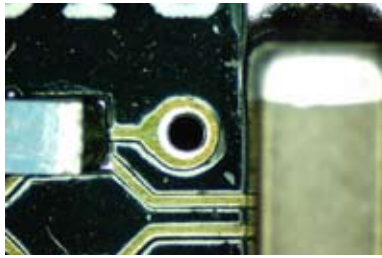
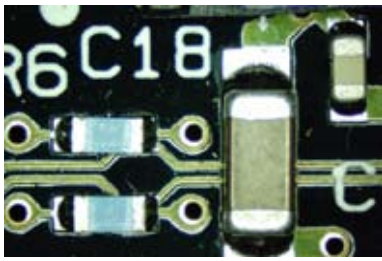
**The Daray Vision 100 LCD-display digital microscope is extremely versatile, fantastic quality and great value for money.**

- 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**



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

**LIGHTING YOUR WAY**



Incremental zoom sequence of a surface-mount circuit board

## 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 A/V port situated on the rear of the device.



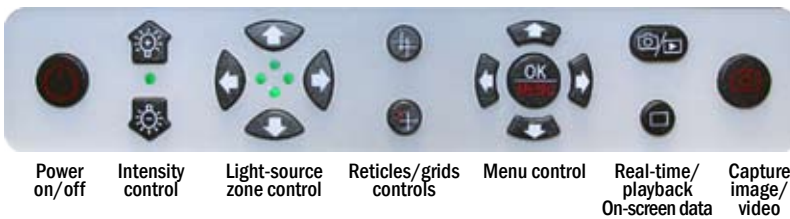
## SAVE IMAGES & VIDEO

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

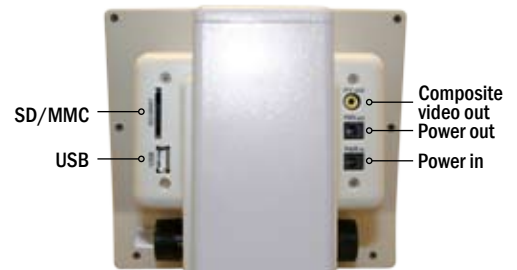
User-selectable reticules and grids assist the user with grid-reference observation, data accumulation and simple measurement.

## 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



## ACCESSORIES



VST01/VSS01 Different height stands



VLDG01 Light diffuser glass

VXY01 Digital micrometer controlled X/Y table



VL20 2.0x lens

VL05 0.5x lens



VSL1/VBL01 Side and base light-sources



## TECHNICAL SPECIFICATIONS

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

## PRODUCTS AVAILABLE

<b>VISION 100</b>	8.4" LCD-display digital microscope	
<b>OPTIONS/ACCESSORIES</b>		
<b>VLDG01</b>	Light diffuser glass	
<b>VST01</b>	Tall stand	<b>VSS01</b> Short stand
<b>VL05</b>	0.5x lens	<b>VL20</b> 2.0x lens
<b>VSL01</b>	Side light-source	<b>VBL01</b> Base light-source
<b>VMR010</b>	Micro ruler 0.1mm	<b>VMR001</b> Micro ruler 0.01mm
<b>VXY01</b>	Digital micrometer controlled X/Y table	

**DARAY**<sup>®</sup>  
HEALTHCARE PRODUCTS

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