AU-500-MADM – Mini Automatic Digital Microscope

Thank you for purchasing UNITRON's AU-500-MADM – the Mini Automatic Digital Microscope.

Please read these instructions carefully.

SAFETY PRECAUTIONS

- To avoid danger or damage to the lens, do not touch the lens or LED directly with your fingers.
- To avoid failure or electric hazard, do not disassemble or modify the internal structure of the device.
- Do not plug in or unplug the USB connectors when your hands are wet.
- Do not use alcohol or other organic solvents to clean the device.
- If the lens is dirty or damp, use a dry non-linen fabric or professional lens tissue to wipe it. To avoid scratches on the surface, wipe the lens lightly.
- This product is designed for indoor use only. Do not expose it to an outdoor environment as excessive temperature and humidity will damage the lens.
- Please store and use in the following environment: Temperature 0°-40°C; Humidity : 45%- 85%
- If there is any foreign matter, water or liquid that accidentally comes in contact with the device, disconnect the USB cable immediately.
- To avoid accidental shock, please turn off and power off the microscope before you move the PC.

WARNINGS

1. Do not use the LED on people (infants, children, etc.) at close range. Pointing the LED too close to the eyes might cause a momentary loss of vision.

2. Keep young children and infants away from the AU-500-MADM. Always use and store the microscope out of the reach of young children and infants to prevent the following dangerous situations which might cause serious injury:

   - **Becoming entangled in the microscope strap, causing strangulation**
   - **Accidentally pointing the LED into their eyes or those of another child**

The UNITRON AU-500-MADM is provided with a CD-ROM Instruction Manual.   For detailed information on all features, please refer to the CD-ROM.   Adobe Reader is required to view the Instruction Manual.

PREPARATION

Connect the UNITRON AU-500-MADM to the computer USB interface -- the driver will be installed by the operating system automatically.

INSTALLING THE SOFTWARE

The supplied CD and installation software is available for Windows Operating Systems only.

1. Insert the CD into the CD-ROM drive.

2. When the "Setup" icon is displayed, Click the "Setup" icon and follow the tips to continue the installation. If the "Setup" dialog is ***not*** displayed, from the START menu, select "My computer" (Windows XP system) or "Computer" (Windows Vista/Windows 7). Double-click the CD-ROM (Micro Capture) icon to enter into the install window, then double–click the "Micro Capture Setup" to start the installation.

3. If the "User Account Control" dialog is displayed, click "Yes" or "Next" to continue the installation.

STARTING THE SOFTWARE

1. Double click the "Micro Capture" icon on the desktop or on the start menu.

2. Find the "USB image devices" or "5 Mega pixels USB Camera" in the "Devices" menu (Windows Vista/Windows 7)

IMAGE PREVIEW

Once you have an image displayed, press the focus button on the AU-500-MADM or "F" on the software to make it AF and get a clear view in the preview window.

- For an uneven surface, you can raise up one or two legs of the AU-500-MADM to get a clear view.
- Based on surface and contrast differences, you can press the brightness button on the AU-500-MADM or use the software -/+ graphic to enhance image quality.
- You can adjust the view size via the buttons on the AU-500-MADM or on the software to zoom image to preferred size.
- You can roam the preview image via the icons ↑ ↓ ← → on the software.

CAPTURING IMAGES

You can press button or use the software icon to capture images.

RECORDING VIDEO

You can press the icon on the software to make a video for your detection.

BROWSING IMAGES

On the picture browse page, you can open, "save as" or edit your image.