

Merlin™ Plus

Computer Compatible Video Magnifier
with Remote Software for Split Screen Control

For Work. For Home. For School.

Our Auto-Focus, Full Color **Merlin Plus** brings you computer compatibility, split screen functionality and external device compatibility all in one unit!

- **Split Screen Mode**

Lets you view magnified images and computer files simultaneously

- **Horizontal and Vertical Line Markers and Windowing**

Help you focus on one area or line at a time

- **28 custom user combinations**

For foreground / background, 4 standard modes: Color, Black and White, Positive and Negative

- **Up to 67x magnification**

Magnification will vary with display size

- **Foot Pedal (included)**

Allows for quick toggle between modes

- **External Control Box or Merlin Plus Remote Software**

Allows for Split Screen and Line Marking/Windowing control

- **External Camera**

Option allows for distance viewing when combined with other Enhanced Vision products such as Flipper™ or Acrobat™



Merlin Plus Remote Software

Eliminates additional controls or buttons to push and allows you to control various functions from your PC. Your hands never have to leave the keyboard!

enhanced
vision

Toll Free: (888) 811-3161

(714) 374-1829

Fax: (714) 374-1821

Visit us at www.enhancedvision.com

Key Features

Split Screen Video Modes

- Full CCTV video
- Full computer video (if VGA connected)
- Split CCTV and VGA split screen (if VGA connected)
- Full external video (if external camera attached)
- Split external video and VGA split screen (if external camera and VGA attached)

CCTV Modes

- Full Color mode
- Black and White mode
- High contrast positive (black text on white background)
- High contrast negative (white text on black background)
- Up to 28 color select modes to choose from (up to 5 enhanced modes storable)

General

- Horizontal and Vertical Line Markers and Windowing
- Voice activated CCTV modes with voice training (optional)
- External control box module for split screen control
- Virtual control box PC software for split screen control
- Foot pedal module for quick video mode switching (included)
- Auto focus NTSC camera, 470TV lines
- Intelligent focus lock function for fixed targets applications (standard Merlin models only)
- Quick locator finder to help orientation at high zoom levels (standard Merlin models only)
- Large onscreen display
- External composite video camera input
- Auto detection of computer / external camera presence
- Smooth movable XY table, 17.5" x 12.5"
- Supports monitor up to 100lbs (45kg)
- Screen pivots, tilts and swivels in all directions (Merlin LCD model only)

Key Specifications

Magnification

- 16 zoom steps
- 3.3 to 64x on a 21" LCD monitor
- 3 to 58x on a 19" LCD monitor
- 2.7 to 52x on a 17" LCD monitor

PC Compatibility

- Connects to any computer with external VGA SUB-D15 connector outputting at least one of the following:
 - VESA (DMT 1.0) VGA (640*480) at 60, 72, 75, 85Hz
 - VESA (DMT 1.0) SVGA (800*600) at 60, 72, 75, 85Hz
 - VESA (DMT 1.0) XGA (1024*768) at 60, 70, 75Hz

Weight / Dimensions

- Base unit: 23lbs (10.5kg)
- Height: 13.75" (35cm)
- Length: 20.5" (52cm)
- Width: 19" (48cm)

Power

- 100-240V / 50-60Hz / 29W max
- External power supply with removable power cord
- Connector IEC-C13/14

Environment

- Operating temperature: +32°F to 122°F (0°C to 50°C)
- Storage temperature: -4°F to 140°F (-20°C to 60°C)
- Operating humidity: 20% to 95%
- Storage humidity: 20% to 80%

enhanced
vision

* Features and specifications are subject to change without notice.