



APPLICATIONS

- Non Contact Measurement
- Measuring Very Small Dimensions
- Measurements not possible with traditional methods
- Medical Forensics
- Criminal Forensics
- Machine Tool Alignment and sizing
- Quality Control and Industrial Monitoring

ACCURATE MEASUREMENTS: While video can be used to measure any dimension, it is commonly used to measure very small sizes or objects that cannot be measured through traditional methods, such as in hostile environments.

DESIGNED FOR PRECISION: The VMU800 was designed to overcome the non-linearity and precision limitations of analog based units. Calibration data is entered via a keypad offering a far greater range.

HORIZONTAL, VERTICAL AND DIAGONAL: Linear measurements in any direction. Can display all three dimension at once or any combination.

MORE MEMORIES: The VMU800 will remember all settings and line positions when power is removed. There are also ten user memories to store calibrations for multiple magnifications.

METRIC OR ENGLISH: The VMU800 has multiple units of measure that can be displayed for both English and Metric. Custom units may also be entered.

DESIGNED TO WORK THE WAY YOU DO: Menu system allows for extensive display layouts including number of significant digits, decimal display, colors, background and much more. Password protection restricts access to the settings and memories. This helps to prevent inadvertent or malicious changes.

FEATURES

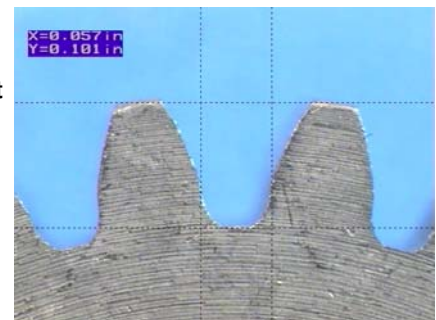
- Measures horizontal, vertical or diagonal linear dimensions
- High resolution—same as the pixel resolution of the image
- Ten user memories for quick retrieval of stored settings
- Remembers all settings when power is removed
- Selection of standard English, Metric and custom units
- Display precision can be adjusted over several digit range
- Independent and tracking modes for cursor control
- Controls can be independently locked to avoid unintentional line movement.
- Line (solid or serrated) or box mode
- Over 200 line colors, 3 line widths and a wide selection of line styles
- Numeric display may be one of over 200 colors with or without color background and located anywhere on screen
- Extensive unit setup via easy to navigate menus
- Password protection for settings
- Very high quality optical encoder controls
- All digital interface for high position repeatability
- Compatible with most HDMI and DVI video cameras
- Automatically detects source resolution
- Can operate from +12VDC for mobile applications

FLEXIBLE CONNECTIONS: The VMU800 can operate with many HDMI and DVI progressive scan video sources..

EASY TO USE: Commonly used functions have dedicated buttons to allow for easier use. Scale factors are entered via a keypad for fast and precise calibration.

BOARD AND CUSTOM PRODUCTS: MicroImage Video Systems offers many of its products, such as the VMU800, as board level for OEM applications. We can create units with custom features and custom designed boards.

MORE INFORMATION? Additional product information, specifications, user manuals and application notes are available on our website, including the latest available features.



A division of World Video Sales Company, Inc.

WWW.MIVS.COM

info@mivs.com
Phone 610-754-6800
Fax 610-754-9766

PO Box 331 Boyertown, PA 19512