



### APPLICATIONS

- Medical and Criminal Forensics labeling
- Advanced Security Identification
- Courtroom Systems
- Patient Name & Information
- Video Source Label
- Room Label
- Video Conferencing

### FEATURES

- Provides 20 rows of 32 characters
- Eight character colors
- Eight background colors plus transparent
- Character blink/flash function
- Digital Signal Processing (DSP) assures accurate and repeatable performance
- Composite and S-Video inputs with automatic selection
- Composite and S-Video simultaneous outputs
- Automatically detects NTSC or PAL video
- EEPROM memory stores text when power is off
- Memory is rated for over 50 years and 1,000,000 writes.
- Low cost
- Small size
- Rack mount option available
- Can operate from +5VDC for mobile applications
- +5VDC power supply included
- Keyboard not included (available separately)

**HIGH QUALITY CHARACTERS:** The TLR500 provides 20 rows of characters with 32 characters per row. Each character is well defined for easy viewing and record with excellent readability.

**NON-VOLATILE MEMORY:** The TLR500 has one page of memory for text which is backed up in EEPROM based non-volatile.

**BASIC TITLE APPLICATIONS:** The TLR500 was designed for simple title applications where short lines of text, like a name or room number, need to be overlaid onto the video signal.

**KEYBOARD FUNCTIONALITY:** All of the features and functions are available from simple keyboard commands. The user manual includes a list of all available functions and settings.

**OPERATION WITHOUT THE KEYBOARD:** The TLR500 requires a keyboard to type the text onto the video. Once the text is programmed, the keyboard can be removed.

This allows continuous display of the same text. A front panel switch allows the text overlay to be turned off or on as needed without affecting the stored text.



**FLEXIBLE BACKGROUND COLORS:** Each character may have a rectangular background color behind it for ease of reading in low contrast situations. The background may also be set to transparent for applications where the maximum image area needs to be seen. The background can be set to one of eight colors or transparent on a character by character basis.

**BLINKING CHARACTERS:** To get attention, a blink (flash) function is available and can be set on a character by character basis.

**FLEXIBLE CONNECTIONS:** The TLR500 can accept either composite video or S-video input signals and will automatically select the first one it finds available. The unit will always produce both composite and S-Video output signals regardless of input signal type. The TLR500 will automatically detect and operate with both the NTSC and PAL video standards.

**BOARD AND CUSTOM PRODUCTS:** MicroImage Video Systems offers many of its products, such as the TLR500, as board level (i.e. BL-TLR500-00) for OEM applications. We can create units with custom features as well as custom designed boards.

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

**STANDARD KEYBOARD INTERFACE?** The TLR500 works with most industry standard AT keyboards that use the 6 pin mini-DIN (PS/2) style connector.



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[WWW.MIVS.COM](http://WWW.MIVS.COM)

info@mivs.com

Phone 610-754-6800

Fax 610-754-9766

PO Box 331 Boyertown, PA 19512