

# KE-USB24 USB Keyboard Encoder

*Programmable Interface to your PC's USB port*



Use the KE-USB24 for interfacing keypads or switches to the PC's USB port to generate keystrokes.

Any of the 24 signals on the KE-USB24 can be configured as a Row or Column in a matrix. This adaptability makes this unit ideal for direct connection to off-the-shelf keypads. Any combination of Rows and Columns on the 24 I/O pins may be used, such as 1 Column x 23 Rows or 16 Columns x 8 Rows.

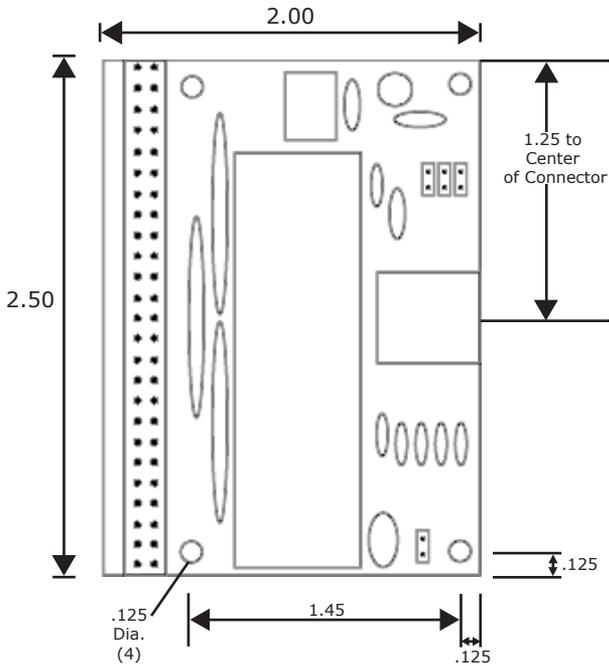
The KE-USB24 is programmed through the USB port of the PC with our easy to use programming application included with the unit. Once programmed, the configuration is stored on the KE-USB24 in non-volatile memory.

The KE-USB24 features a header for connection to status LEDs for Num, Caps, and Scroll Lock indicators.

All power for the KE-USB24 is taken from the PC USB port, so no other voltage supply is required.



## KE-USB24 Specifications



**Note:** Dimensions are in inches.

<b>Operating Voltage</b>	5 Volts DC +/- 5%
<b>Operating Current</b>	12 ma Typical
<b>Operating Temp.</b>	0 to 70 Degrees C
<b>PC Interface</b>	USB
<b>Input Debounce Time</b>	15 - 20 Msec Typical
<b>I/O Header</b>	24 I/O, up to 12x12 Matrix (programmable)