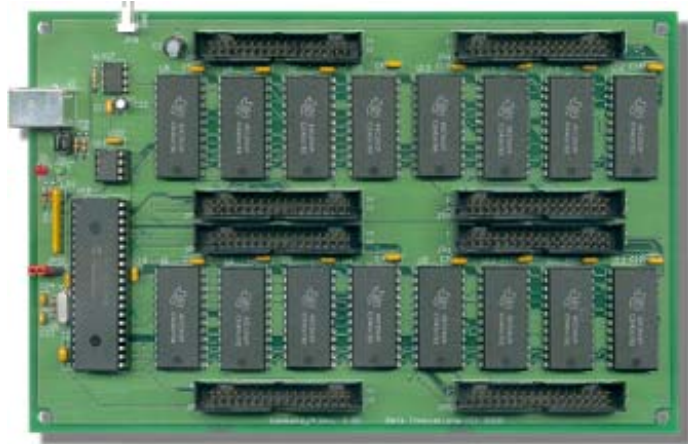The GammaRay™ V2 USB module has been developed for applications requiring hardware input such as switches and digital circuitry.
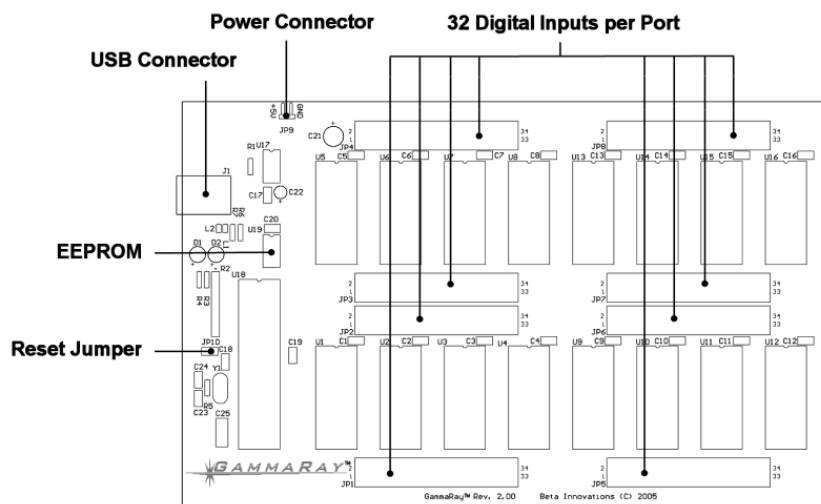
When used with switches, the multiplexed inputs prevent phantom signals or "ghosting" and do not require individual diodes such as scan matrix designs simplifying wiring considerably.

Through a simple to use software configuration utility, device firmware can be easily updated adding new features when they become available.

Features:

- Easy installation - The GammaRay™ V2 device is a Full Speed USB HID compliant device which employs default drivers supplied by most OS and powered by the USB Bus.

- 256 Digital Inputs - Supports a variety of input devices including common switches: push buttons, toggles, etc. Various modes supported including master switch, rotary and toggle.

- Up to 16 rotary encoders supported - Gray Code, Gray Code ½ Pulse and 2-Bit Quadrature.

- Short Circuit Protection - Up to 500 mA available on all ports for external circuitry eliminating the need for additional power supplies. Monitoring circuitry prevents component damage.

- Software Configurable Operation - Device features can be customized through a simple to use configuration utility.

- Flash Loader Mode - Incorporates a Flash Loader for easy firmware updates via USB.

- Software Development Kit - available soon with interfacing examples in VB 6, VC++ and MFC.

Visit www.betainnovations.com for the availability of expansion modules and accessories.