

ACCES I/O Products, Inc.

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www.accessio.com**Model USB-IDIO-16**

Model USB-IDIO-16 features 16 individually optically isolated inputs and 16 fully protected solid state FET outputs capable of switching up to 2A each. The module is fully compatible with both USB 1.1 and USB 2.0 ports and offers hot-plug functionality for quick connect/disconnect whenever you need additional I/O on your USB port. The circuit isolation makes the module ideal for use in control and instrumentation applications where high-voltage protection is required. Individual channel-to-channel isolation allows every channel to be physically and electrically separated from the others. The OEM USB/104 version provides just the board without the enclosure and is ideal for a variety of embedded OEM applications – simply connect to any available USB port. Applications include factory automation, energy management, industrial ON/OFF control, security systems, manufacturing test, and process monitoring.

**FEATURES**

- › 16 individually optically isolated inputs (channel-to-channel and channel-to-ground)
- › Polarity insensitive AC/DC inputs accept up to 31VDC or AC RMS
- › Jumper selectable filtering per input channel for AC or voltage transients
- › 16 optically isolated, fully protected FET high-side switch outputs
- › Outputs capable of switching from 5-34VDC at up to 2A
- › Internal, removable screw terminal board for easy wiring
- › USB/104 form factor for OEM embedded applications features PC/104 module size and mounting compatibility
- › Type B USB connector features high-retention design
- › Small (4" x 4" x 1.4"), rugged, industrial enclosure available

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