

## USB to 16 DIO Channel Controller

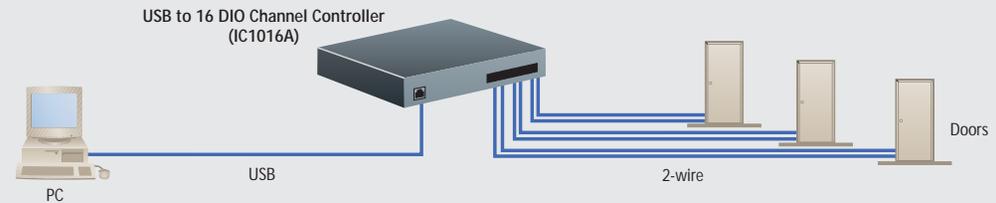


Use the USB port on your PC  
to control up to 16 devices.

## FEATURES

- Hot-swappable.
- Auto-configuration.
- Provides two sets of SPST relays, 8 per set.
- Uses highly reliable, 10-VA DIP reed relays.
- Onboard removable screw terminals.
- Compatible with third-party, PC-based control programs.

*Use the USB to 16 DIO Channel Controller to lock or unlock electrical door openers.*



## OVERVIEW

Control up to 16 devices from a single USB port on your PC. The USB to 16 DIO Channel Controller provides 16 outputs, which can be used for PC-based control and automation of equipment. Perfect for low-current applications, these reed-relay outputs provide high-quality, long-life, low-current (10 watt [VA] maximum), dry-contact switch closures. The reed relays are in two sets, with 8 relays per set.

Thanks to the controller's unique serial string naming feature, multiple USB digital I/O devices can retain their specific identity within the system.

Installation is easy, too. You don't even have to power down your equipment when installing or removing the controller since it's hot-swappable. Plus, onboard removable screw terminals simplify wiring connections.

You won't have to purchase software, either, since the controller works with many third-party, PC-based control programs that you probably already own.

For a neat and compact installation, mount the controller on DIN rails in a rack. DIN rail mounting clips are included.

## TECH SPECS

**Number of Channels** — 16

**Relays** — (16) SPST relays;

Contact power ratings: 10 watts (VA) maximum;

Contact voltage maximum: 100 volts DC or AC;

Contact current maximum: 0.5 amps DC or AC RMS;

Contact resistance, initial: 0.15 ohms

**Connectors** — (1) USB Type B, (2) 16-screw terminal blocks

**Indicators** — (1) Enable LED

**Temperature Tolerance** — Operating: 32 to 158°F (0 to 70°C);

Storage: -58 to +221°F (-50 to +105°C)

**Relative Humidity** — Up to 90%, noncondensing

**Power** — USB powered

**Size** — 1.75"H (1U) x 6.3"W x 1.7"D (4.4 x 16 x 4.3 cm)

**Weight** — 1 lb. (0.5 kg)

Item	Code
USB to 16 DIO Channel Controller	IC1016A