

# GPI In/Out USB cards



## Description:

USB discrete input/output expansion cards are designed to enhance systems and devices by the supply of the required number of discrete inputs / outputs with galvanic isolation. The cards are equipped with WatchDog to track the status of your computer and restart it in the case of hanging.

### The cards are equipped with:

- 62-pin DB connector for discrete inputs / outputs connection;
- A group of jumpers for assigning the discrete inputs condition;
- USB-port for connecting USB-devices;
- Connector for connecting to a computer motherboard;
- Watchdog for monitoring the system condition.

### Package contents

- USB-IO device;
- Mating part for DB62 connector;
- DB62 connector housing;
- CD-ROM with drivers;
- Cable for connecting the device to a computer motherboard.

### USB 16-8 I/O expansion card

#### Specifications:

- Interface – USB 2.0 connection to a computer motherboard
- Alarm contacts – 16 inputs (internal or external power)
- Relay contacts – 8 outputs

## Free SDK/Tools/Drivers

- [Windows 7,8,10,Server 2008/12 \(32 and 64 bit\)](#)
- [Stream Labs API](#)
- [Direct Show Filter](#)
- [Examples for integration in SW and Tools for HW tests](#)
- [Linux: CentOS 6.6 and 7, Ubuntu 12 and later.](#)
- [Support V4L2 and ALSA](#)
- [Free Sources for C programming language](#)
- [Medialooks SDK](#)

### Key functions

- Tracking the discrete inputs condition;
- Changing the condition of discrete outputs;
- Tracking the status of your computer and restarting it in the case of hanging.

### USB-IO 24-4 I/O expansion card

#### Specifications:

- Interface – USB 2.0 connection to a computer motherboard
- Alarm contacts – 24 inputs (internal or external power)
- Relay contacts – 4 outputs