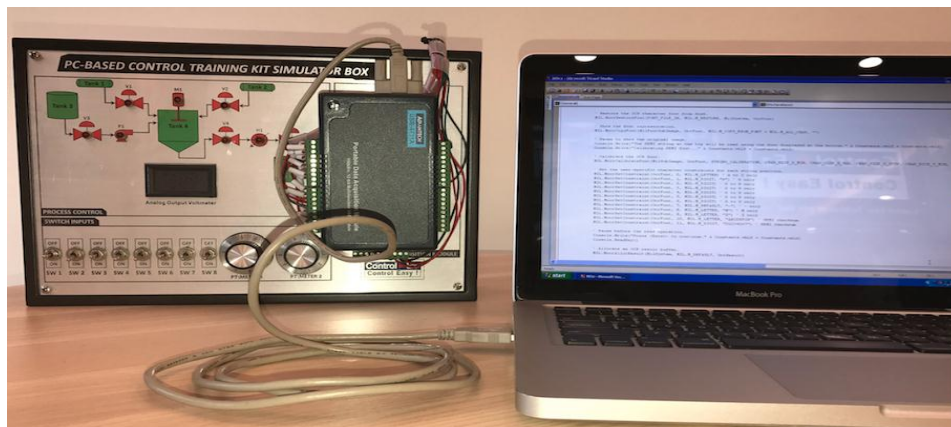
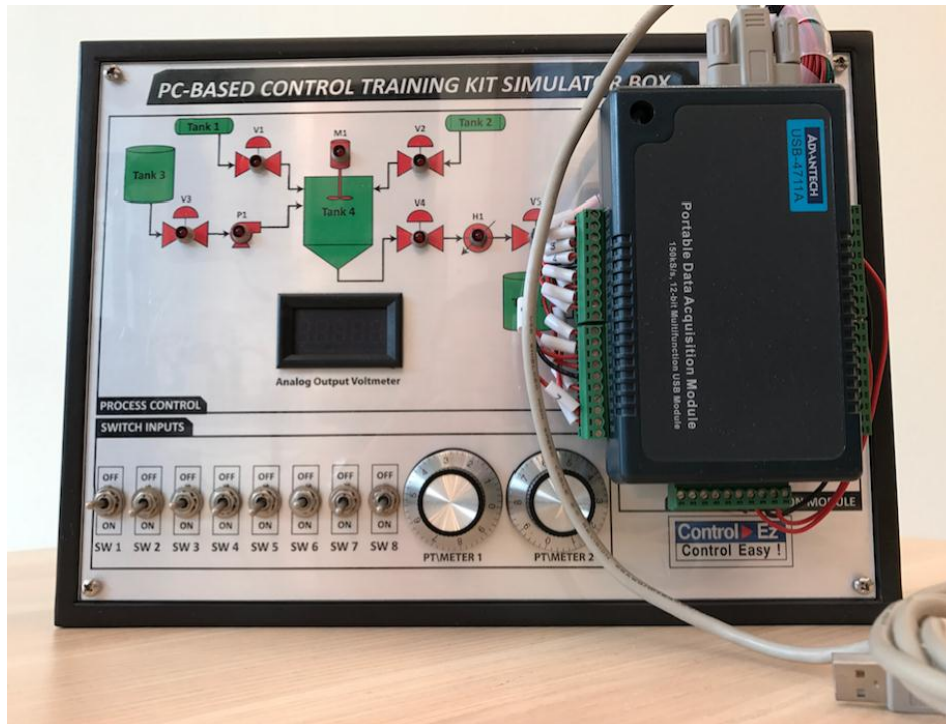


## PC-Based Embedded Control Training System

### Data Acquisition Module USB multifunction I/O module with VB.NET2008



*“Designed for lectures, technician and engineers who want achievements in pc-based embedded application.*”



MACHINE VISION & CONTROL AUTOMATION

**Control Easy Technology Sdn. Bhd.** (924757-A)

**Industry Machine Vision, Motion, PLC & PC Control Automation Systems.  
Education Control Training Systems.**

No 28G &1, The Atmosphere, Jalan Atmosphere 5, Bandar Putra Permai, 43300 Seri Kembangan, Selangor, Malaysia.

Tel: +603-9545 2009

Fax: +603-9545 2010

E-mail: [sales@controlez.com](mailto:sales@controlez.com) [www.control-easy.com](http://www.control-easy.com)

## **Technical specification**

**Model: EZ-PC002**

### **Physical features**

- Digital Output - 4 LEDs
- Digital Output - 1 Buzzer
- Digital Input - 4 Switches
- Analog Input - 1 Potentiometer
- Analog Output - LCD display
- Single power supply operation
- Plant Simulator

### **Software interface**

- User friendly GUI (Graphic User Interface)
- Indicator & meter
- Push button
- Save data to File
- Examples in Visual Basic and sources codes for:
  - Closed loop light control system
  - Data logger for temperature
  - Graph Trending
  - Alarm logging
  - Set point entry, minimum & maximum
  - Boolean operations
  - While Loop
  - Arrays

### **Features**

- Embedded System design and introduction
- Microsoft Visual Studio VB.Net software programming
- Digital I/O Concepts
- Time and Counter
- Analogue I/O and PWM (Pulse Width Modulation)
- Interrupts
- Analogue to Digital (ADC) and Digital to Analogue (DAC) Concept
- Interface with Relay peripherals
- Communication protocols
- Real time operating system introduction

\*Specification subject to change without prior notice due to continuous improvements of the product