



## USB 16 Photo-Iso/Relay Board

### Product Code:

AUSB16P/R USB 16 PHOTO ISO./ RELAY BOARD

**Bus:** USB 2.0

**Description:** 16 photo coupler input / relay output channels

Input maximum load voltage is 30V  
By jumper, you can select two range of voltage  
0 - 4.5V off and 6V - 20V on. (0 - 20V)  
0 - 16.5V off and 18 - 30V on (0 - 30V)  
PC817 photo coupler chips.  
5000V isolation voltage.

16 SPDT-Relays - 1 x COM/NO  
Max switching current: 500mA  
Max contact rating for relay: 100V DC

32 LED correspond to I/O ports activation status.



### Connection:

Easily exchangeable connections and easily replaceable terminal blocks.

### Features:

For direct DIN-Rail mounting  
Also as board without  
DIN Rail adapter available

High Speed 8051  $\mu$ C Core  
USB 2.0 Function Controller  
Support USB ID 0~14 SET  
Power from external DC+5V 1A ( $\geq$  1A)

### Software/Driver:

Support Windows XP/Vista/7/8, Windows server 2003/2008/2012; Linux kernel version 2.4 or the later and the sample for programming.

### Package includes the following items:

USB 16PR Board  
USB cable  
Software and Manual CD

**Operating temperature range:** from 0 to 55°C.

**Relative humidity range:** from 0 to 90%.

**Size:** 250 mm x 120 mm x 55 mm



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