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7.4. Hub

USB-2560 NEW

Features

- Compliant with USB Specification Revision 2.0
- Provides 4 Downstream Ports
- Only Supports Self-powered Mode +10 ~ + 30 VDC Power Input (power adapter included for USB-2560/S)
- DIN-Rail
- Built-in NEC uPD720114 USB 2.0 Hub Controller
- Supports High-speed (480 Mbps) and Full-speed (12 Mbps)
- Supports Downstream Port Status with LED

Introduction

The USB-2560 allows you to add multiple high performance USB 2.0 peripheral devices to your computer (Or XP-8000 series). It supports the USB 2.0 high-speed mode that can achieve 480 Mbps data transmitting rate.
The USB-2560 only supports self-powered mode (drawing power from an external power supply). Externally powered USB hubs are the only way to guarantee the broadest compatibility for USB devices.

Specifications

Interface	
Ports	Upstream x 1 (Type B), Downstream x 4 (Type A)
Compatibility	Universal serial bus; Specification Rev. 2.0/1.1/1.0
Transfer Speed	480 Mbit/s-high speed mode, 12 Mbit/s- full speed mode, 1.5 Mbit/s-low speed mode
Supply Current	500 mA max. per port
Include Cable	CA-USB18 (1.8 m Cable) x 1
Power Supply Included (USB-2560/S Only)	GPSU06U-6 x 1 for 250 mA per port
LED Indicators	
Power	1 LED
Downstream Ports	4 LEDs
Power	
Input Voltage Range	+10 ~ + 30 VDC
Power Consumption	0.25 A @ 24 VDC for 250 mA per port, 0.5 A @ 24 VDC for 500 mA per port
Power Input Connection	Removable 3-Pin Terminal Block
Mechanical	
Casing	Plastic
Flammability	UL 94V-0 materials
Dimensions (W x L x H)	33 mm x 78 mm x 107 mm
Installation	DIN-Rail
Environment	
Operating Temperature	0 °C ~ +70 °C
Storage Temperature	-20 °C ~ +80 °C
Humidity	10 ~ 90% RH, non-condensing

Ordering Information

USB-2560 CR	4-port Industrial USB 2.0 Hub (RoHS)
USB-2560/S CR	4-port Industrial USB 2.0 Hub with GPSU06U-6 (Power Supply) (RoHS)

Accessories

DIN-KA52F	24 VDC/1.04 A, 25 W Power Supply with DIN-Rail Mounting
MDR-20-24	24 VDC/1 A, 24 W Power Supply with DIN-Rail Mounting
GPSU06E-6	24 VDC/0.25 A, 6W Power Supply with 2 pole EURO plug