

## USB-HUB7K-V2 Series

**Industrial 7-Port USB 2.0 Hub, Metal Case, with a Locking Feature**



### Features

- ▶ Compliant with USB Specification Revision 2.0
- ▶ Industrial Metal Case with DIN RAIL Mounting
- ▶ Provides 7 USB Connections
- ▶ Supports Super-Speed, High-Speed, Full-Speed and Low-Speed Traffic
- ▶ Supports USB 2.0 Speeds of up to 480Mbps
- ▶ Built-in NEC USB 2.0 Hub Controller
- ▶ Supports USB Battery Charging: CDP and DCP Modes
- ▶ Supports Self-Powered and Bus-Powered Mode
- ▶ USB Screw-Locking Cable for Secure Connections
- ▶ 5-Year Warranty

## INTRODUCTION

**Antaira's USB-HUB7K-V2** is an industrial 7-port USB 2.0 hub that is compliant with USB 2.0 specifications. This device provides up to 7 A-type USB 2.0 connections that offer a screw locking feature to provide a secure connection. Utilizing USB 2.0 speeds, the USB-HUB7K-V2 has a connection speed of up to 480Mbps which offers an ideal solution for fast, reliable USB expansion.

The USB-HUB7K-V2 accepts a wide voltage input range of 7~40VDC through a terminal block connection. The unit is able to source power through the USB ports to support the standard USB charging specifications. The industrial USB hub also features surge protection through USB ports to provide enhanced protection.

## SPECIFICATIONS

### Technology

**Standards** For Systems with USB 2.0 or 1.1

### Switch Properties

**Protocol** NEC USB 2.0 Controller Chips

**Transfer Rate**  
High-Speed: 480Mbps  
Full-Speed: 12Mbps  
Low Speed: 1.5Mbps

### Port Interface

**Port Output** 7 External USB 2.0 Type-A Connections

**Port Input** 1 External USB 2.0 Type-B Upstream Connector

### Protection

**Surge** 350-Watt Surge Protection for Each USB Port

### Mechanical Characteristics

**LED Indicator** Power (Red)

**Housing** Metal IP30 Rated

**Dimension** 65 x 36 x 113 mm (H x W x D)

**Weight** Unit: 1.5 lbs; Shipping: 2.3 lbs

**Mounting** DIN-Rail or Wall-Mount

### Power Requirement

**Input Voltage** 7~40VDC input

**Power Connection** 1 Removable 2-Contact Terminal Blocks

**Power Output** Up to 900mA USB Bus Power

### Environmental Limits

**Operating** STD: 0° to 55°C

**Storage Temperature** -40°C ~ 75°C

**Ambient Relative Humidity** 5 to 95%, (Non-Condensing)

### Regulatory Approvals

**Green** RoHS Compliant

**Warranty** 5 Years

## ORDERING INFO

**USB-HUB7K-V2** Industrial 7-Port USB 3.0 Hub, Metal Case with a Locking Feature

### Optional Accessories

**PA-UTS3-US** Power Adaptor for the USB-HUB4K3, 12V @ 3A, US Plug

**CB-USBA-USBB-2M-K** USB 2.0 Cable, A to B Locking Feature, 2M, Black

**CD-USBA-USBB-5M-K** USB 2.0 Cable, A to B with Locking Feature, 5M, Black