

## 7-Port Industrial USB Hub - USB 2.0 - 15kV ESD Protection

Product ID: HB20A7AME



This TAA compliant 7-port industrial USB hub provides seven USB 2.0 ports to connect your devices. The USB 2.0 hub can be surface or DIN rail mounted, providing convenient USB connectivity in a work area, server room, or industrial environment.

### Built for tough environments

The USB hub, with its rugged metal housing and IP30 protection rating, is built to meet the harsh demands of industrial environments. To keep connections secure and protect against accidental disconnections, the hub supports screw-locking cables. The 15kV ESD Protection (Level 4) reduces the risk of disruption caused by high static industrial environments, which can lead to costly service calls and downtime. To ensure maximum performance in areas with extreme temperature variances, the industrial USB hub provides an extended temperature range (-40°C - 85°C).

## **Flexible power options**

The hub's wide-range 7-48V DC terminal block input gives you the flexibility to power the hub as required, based on your own power input capabilities.

## **Easy setup and use**

For easy port access, the 7-port industrial USB hub can be surface or wall-mounted, and includes an optional DIN rail mount kit. The ports are plug-and-play making it easy to connect printers, cameras, sensors and other devices. Each port in the USB hub also features its own Transaction Translator (TT), to assist with load balancing and ensure each port can operate at peak performance.

The HB20A7AME is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Install the USB hub in harsh environments subject to temperature extremes, ideal for factories, utilities, engineering or other environments
- Deploy on assembly lines where only terminal block power is available
- Connect industrial printers, scanners, cameras, sensor and monitoring equipment, keyboard, mouse, and many other USB devices

## Features

- TAA Compliant
- Expand your USB connectivity with seven USB 2.0 ports
- Protect your installation with 15kV ESD Protection Level 4
- Wide-range 7-48V DC terminal block powered: 7 ~ 48VDC
- Extended temperature range: -40 to 85°C
- Rugged metal hub provides a secure connection with USB (host) screw-lock cable mechanism

|                                     |                               |                                                                                                  |
|-------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Hardware</b>                     | Warranty                      | 2 Years                                                                                          |
|                                     | Bus Type                      | USB 2.0                                                                                          |
|                                     | Chipset ID                    | Genesys Logic - GL852GT                                                                          |
|                                     | Industry Standards            | USB 2.0                                                                                          |
|                                     | Interface                     | USB 2.0                                                                                          |
|                                     | Ports                         | 7                                                                                                |
|                                     | USB-C Host Connection         | No                                                                                               |
| <b>Performance</b>                  | ESD Protection                | +/-15kV (Air)<br>+/-8kV (Contact)                                                                |
|                                     | Maximum Data Transfer Rate    | 480 Mbps                                                                                         |
|                                     | Type and Rate                 | USB 2.0 - 480 Mbit/s                                                                             |
|                                     |                               |                                                                                                  |
| <b>Connector(s)</b>                 | External Ports                | 1 - Terminal Block (3 Wire)<br>1 - USB B (4 pin) Female<br>7 - USB Type-A (4 pin) USB 2.0 Female |
|                                     |                               |                                                                                                  |
|                                     |                               |                                                                                                  |
| <b>Software</b>                     | OS Compatibility              | OS independent; No software or drivers required                                                  |
| <b>Special Notes / Requirements</b> | System and Cable Requirements | Any computer with a USB 2.0 port                                                                 |
| <b>Indicators</b>                   | LED Indicators                | 1 - Power                                                                                        |
| <b>Power</b>                        | Input Current                 | 4A                                                                                               |
|                                     | Input Voltage                 | 7 ~ 48 DC                                                                                        |
|                                     | Power Consumption (In Watts)  | 28 W                                                                                             |
|                                     | Power Source                  | Terminal Block                                                                                   |
| <b>Environmental</b>                | Humidity                      | 5 ~ 95% RH                                                                                       |
|                                     | Operating Temperature         | -40°C to 85°C (-40°F to 185°F)                                                                   |
|                                     | Storage Temperature           | -40°C to 85°C (-40°F to 185°F)                                                                   |
| <b>Physical Characteristics</b>     | Enclosure Type                | Metal                                                                                            |
|                                     | Form Factor                   | Industrial                                                                                       |
|                                     | Product Height                | 2.5 in [63 mm]                                                                                   |
|                                     | Product Length                | 4.4 in [112 mm]                                                                                  |
|                                     | Product Weight                | 17.6 oz [500 g]                                                                                  |
|                                     | Product Width                 | 1.7 in [43 mm]                                                                                   |

**Packaging  
Information**

Shipping (Package) Weight

24.7 oz [700 g]

**What's in the Box**

Included in Package

1 - USB 2.0 hub

1 - 1.8 m [6 ft] USB-A to USB-B cable

1 - DIN rail kit

1 - instruction manual

Product appearance and specifications are subject to change without notice.