There is no software provided with this board. There is no need to install any drivers for the USB-104-IHUB product. It will enumerate as a Generic Hub.

SOFTWARE

The USB-104-IHUB is available with optional embedded cable assemblies and DIN-Rail mounting adapters.

ACCESSORIES

The OEM (board only) version is perfect for a variety of embedded applications. What makes the OEM option unique is that its PCB size and mounting holes match the PC/104 form factor (without the bus connections). This allows our industrial grade USB hub to be added to any PCI-104 or PC/104 stack by connecting it to a simple USB port usually included on-board with embedded CPU form factors such as EBX, EPIC, and PC/104. This method facilitates the smallest possible footprint to be occupied by the hub and associated cables.

The board is designed to be used in rugged industrial environments but is small enough to fit nicely onto any desk or testing station. The module is PC/104 sized at 3.550” by 3.775”, while the enclosure is approximately 4” x 4” x 1”.

OEM USB/104 FORM FACTOR

The OEM (board only) version is perfect for a variety of embedded applications. What makes the OEM option unique is that its PCB size and mounting holes match the PC/104 form factor (without the bus connections). This allows our industrial grade USB hub to be added to any PCI-104 or PC/104 stack by connecting it to a simple USB port usually included on-board with embedded CPU form factors such as EBX, EPIC, and PC/104. This method facilitates the smallest possible footprint to be occupied by the hub and associated cables.

ACCESSORIES

The USB-104-IHUB is available with optional embedded cable assemblies and DIN-Rail mounting adapters.

SOFTWARE

No software is provided with this board. There is no need to install any drivers for the USB-104-IHUB product. It will enumerate as a Generic Hub which uses the USB Hub Class Driver that is built in Windows OS or Linux. There’s no driver needed from the user.
**SPECIFICATIONS**

**Bus Type(s):**
- USB 2.0 / 1.1 (USB 3.1 compatible)
- Full / Low speed

**Environmental**
- Operating Temp.: -40° to +85°C
- Storage Temp.: -40° to +85°C
- Humidity: 5-95% non-condensing
- Board Dimension: 3.850 x 3.775 inches
- Enclosure Dimension: 3.985 x 3.990 x 1.045 inches
- Weight: 284.2 grams (in enclosure) / 56.2 grams (-OEM version)
- Ext. Power Supply: 0° to +40°C (4kV isolation)

**Power**
- WI Option: 7VDC to 35VDC at the DC power jack or screw terminals
- External power: approximately 500 mA available for each downstream port with our medical grade power supply
- Current-limiting: 0.85A typical per downstream port

**Isolation**
- ESD Protection: ±20kV on all signal pins (IEC 61000-4-2 Level 4)
- Tru-Iso™: IPC-2221B, UL60590-1, UL1577
- Up-to Downstream: 1500 V peak (AC or DC)
- Max Transient Iso.: 4000 V rms
- Max Work Isolation: 863 V peak

**Ordering Guide**
- USB-104-IHUB: USB 2.0 Isolated Industrial HUB
- PWR-ISO-5V: Isolated medical grade external power adaptor 5VDC @ 2.5A

**Model Options**
- WI: Wide input power from 7V to 35VDC
- OEM: Board only version (no encl.)
- HDR: Jumper header posts for LEDs instead of SMD LEDs (-OEM version)
- ST: High retention external power connection
- RoHS: RoHS compliant version

**Optional Accessories**
- MP104-DIN: DIN rail mounting provision
- CUSB-EMB: 6 inch embedded micro-fit to micro-fit USB cable (used to connect from the HUB micro-fit OEM connectors to ACCES’ OEM USB I/O boards)
- CUSB-EMB-HDR: 30 inch USB cable with 1x5 standard (0.1 inch spacing) header connector to embedded micro-fit (-OEM only)
- CUSB-EMB-HDRM: 30 inch USB cable with 1x5 metric (2mm spacing) header connector to embedded micro-fit (-OEM only)