

## GM-HU24 Industrial USB 2.0 Rugged 4-Port Hub with DIN-Rail and Mounting Brackets

The GM-HU24 USB is a hub that is USB 2.0 specifications compliant with up to 480Mbps data transfer speeds depending systems usage. The hub construction is industrial-grade metal with two available mounting options (1) DIN-Rail mount secured to the back panel of the hub and (2) Mounting brackets on either end of the hub secured by 4 screws for each bracket.



Included with the GM-HU24 is a built-in female 3-wire terminal block connector allowing for additional power, also is manufactured with a 9-24V power receptacle for an additional power supply to be used with higher power consumption devices, power supply is not included with this unit. This USB 2.0 hub is compact

The GM-HU24 Hub works with 4 Type-A female upstream ports and 1 Type-B downstream port from your computer to the device's hub. This specification specifies electrical, physical, mechanical features and etc external environment requirements to this industrial USB2.0 4-Port hub

### Features and Highlights

#### FEATURES

- Industrial grade rugged metal enclosure design
- Redundant 9VDC to 24VDC power input
- 15KV ESD USB interface protection
- Power input surge protection (600W) for each port
- Over-current detection and protection circuit design
- Wall and DIN rail mount support
- Supports High-speed and Full-speed Packet Protocol Sequencer for Endpoint 0/1

#### HIGHLIGHTS

- 4-Port Industrial USB 2.0 Hub with built-in 15KV ESD Protection;
- Over-current detection and protection circuit design;
- Supports 600W power input surge protection on each port;
- Wall and DIN rail-mount supported;

### Environmental Specifications

Operating Temperature	0°C - 40°C	Storage Temperature	-20°C ~ 50°C
Operating Humidity	5% - 85%	Storage Humidity	5% - 95%
Operating Altitude	-1000 to 10000 FT.	Atmosphere	70 – 106Mpa



## Specification

- Chipset: Renesas uPD720114GA
- Compliant with USB 2.0 Specification and backward compatible with USB 1.1
- Maximum data transfer rate: 480Mbps
- Surge Protection: 600W (max)
- Metal housing with mounting mechanism
- Interfaces/Ports:
  - a. 1, 4-Pin, USB Type B, Upstream, Female
  - b. 4, 4-Pin, USB Type A, Downstream, Female
  - c. Terminal block (3 Wire), Power
  - d. DC power adapter jack (power adapter not included)
- Power requirements:
  - a. Input voltage: 9VDC~24VDC
  - b. Output voltage: 4.75V ~ 5.25V (self-power)
  - c. Output current: 0.5A per port
- Power consumption: 2.4W
- LED Indicate Mode:

	Solid Light Green Color	Blinking Green Color	No Light
INSERT Device	Y		
R/W	Y		
POWER ON	Y		

- **Package Contents**

USB 2.0 Cable	1 PC
DIN Rail	1 PC
Wall Mount Kit	1 Set
Screw Pack	1 Pack

- **Physical Specifications**

- Dimensions: 138.8 mm x 68.5 mm x 25 mm
- Net Weight: 286g
- Color: Black

