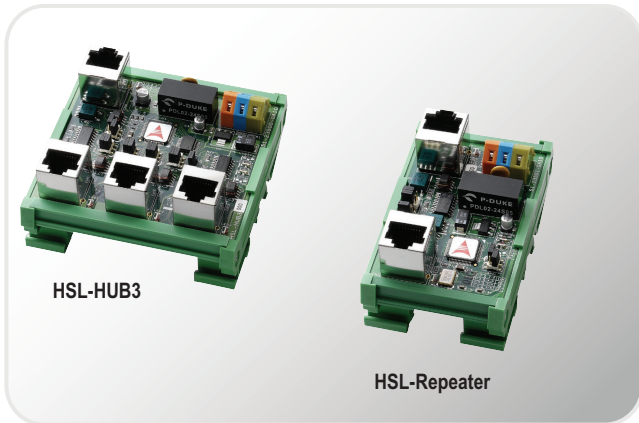


# HSL-HUB3/HSL-Repeater

High Speed Link Extension Module



HSL-HUB3

HSL-Repeater

## General introduction

HSL-HUB3 is the HSL subsystem which can offer 1-to-3 ports transformation in automation application. Not like the traditional daisy chain configuration, the HSL-HUB3 can assist users have more flexible connections - tree configuration while building up the application.

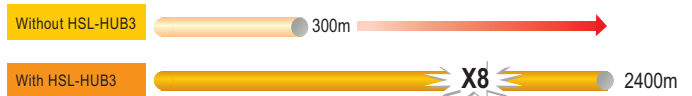
HSL-Repeater is the HSL subsystem which can extend the connection distance in automation application, especially in factory automation. One HSL bus can support to connect this module up to 7 and wire up to 2.4KM at 3Mbps transmission. In other words, all 2016 points can be monitored within 4 ms via HSL bus in 2.4KM. Very fast, time-deterministic and robust than traditional RS-485 devices.

## Features

- Linking style: Master to HUB, HUB to HUB, HUB to Slave
- Support T bracing connection / Star connection (Subsystem Concept)
- One input port with 3 output segment ports
- Jumper selectable transmission speed : 3/6/12 Mbps
- Full and half duplex transmission mode are jumper selectable
- RJ-45 phone jack for easy installation
- 24Vdc input

## The extension possibility of HSL system by using HSL-HUB3/HSL-Repeater

Ex: Under the condition of 3Mbps.



	Without HUB	HUB X 1	HUB X 2	HUB X 5	HUB X 7
12 Mbps	100m	200m	300m	600m	800m
6 Mbps	200m	400m	600m	1200m	1600m
3 Mbps	300m	600m	900m	1800m	2400m

1 Software

2 GEME Series

3 DPAC

4 Motion Control

5 Vision

6 HSL

7 Industrial Communication

8 CompactPCI system & Industrial Computers

9 NuDAM