

HSR/PRP Module

HSR/PRP module



» Overview

HSR/PRP module is a plug-in Redbox module specially designed for SICOM3028GPT series realizing both IEC62439-3-5/HSR (High-availability Seamless Redundancy) and IEC62439-3-4/PRP (Parallel Redundancy Protocol). The selection of HSR and PRP is configurable in the software. This plug-in Redbox module, which supports two Gigabit ports, is a full FPGA hardware solution with low switching latency and high communication efficiency. Enriched with this HSR/PRP module, a reliable redundancy network with Zero Recovery Time and Zero Packet Loss can be established with the deployment of SICOM3028GPT series.

» Key Features

- Plug-in Redbox module for reliable industrial networking in SICOM3028GPT series
- Full FPGA hardware solution with low switching latency
- Compliant implementation of HSR (IEC62439-3-5) and PRP (IEC62439-3-4)
- Supports hot-swap for easy maintenance (replace the same type only)

» Product Specifications

>Product Specifications

-Interface

Port A: 100/1000Base-T RJ45 port or 1000Base-X,100Base-FX SFP port

Port B: 100/1000Base-T RJ45 port or 1000Base-X,100Base-FX SFP port

-LED

LED on front panel:

Port LED: Link/ACT

Port speed LED: Speed

HSR/PRP mode LED: Mode

-Physical Characteristics

Housing: Metal

Cooling: Natural cooling, fanless

Dimensions (WxHxD): 122.6mm×20.25mm×106.6mm(4.83×0.80×4.20 in.)

Weight: 0.3Kg (0.661 pound)

-Power Requirements

Power input: 3.3VDC

Power terminal: A type interface (powered by backplane)

Power consumption: <5W

-Environmental limits

Operating temperature: -40°C to +85°C (-40°F to 185°F)

Storage temperature: -40°C to +85°C (-40°F to 185°F)

Ambient Relative Humidity: 5% to 95% (non-condensing)

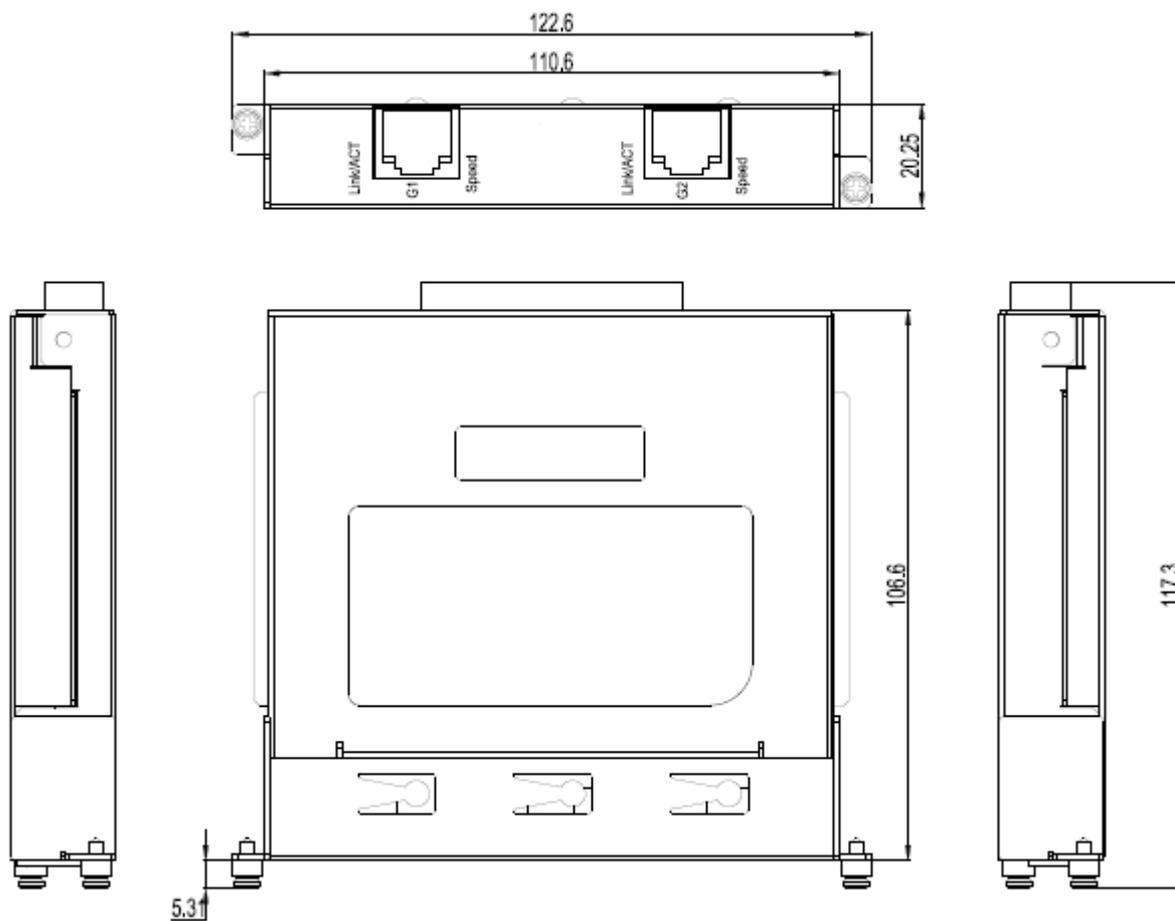
-Quality assurance

Warranty: 5 years

-Approvals

Please visit www.kyland.com for the latest news

 **Mechanical Drawing**



» Ordering Information

Model	Description
SM6.6-HSR/PRP-GE-0.5U	HSR/PRP Redbox module, 2x100/1000Base-T RJ45 port
SM6.6-HSR/PRP-GX-0.5U	HSR/PRP Redbox module, 2x1000Base-X, 100Base-FX SFP port

Version:2020-04-08 11:29:28