PTP over E1/T1 Module

- Plug-in interface module for time sync over SDH network
- ITU-T compliant E1/T1 interface with balanced or unbalance connection
- Less than 1µs synchronization accuracy
- Interface module for SICOM6028GPT, SICOM6424PT, SICOM3028GPT, SICOM3424PT

Overview

PTP over E1/T1 precision clock interface module is specifically designed for Kyland GPT series including SICOM6028GPT, SICOM6424PT, SICOM3028GPT, and SICOM3424PT which support PTP protocol. It realizes precise transmission of Ethernet based clock messages over traditional SDH network with an accuracy of less than 1µs.

Technical Specifications

Interface
E1/T1 Interface
Speed: 2.048Mbps(E1), 1.544Mbps(T1)
Resistor: Unbalanced 75Ω,Balanced 120Ω
Connector: Unbalanced BNC, Balanced RJ45
Electrical: ITU-T G.703, G.704
Standard: ITU-T G.823

LED
LEDs on front panel
Operation status: RUN
Ethernet status: Ethernet
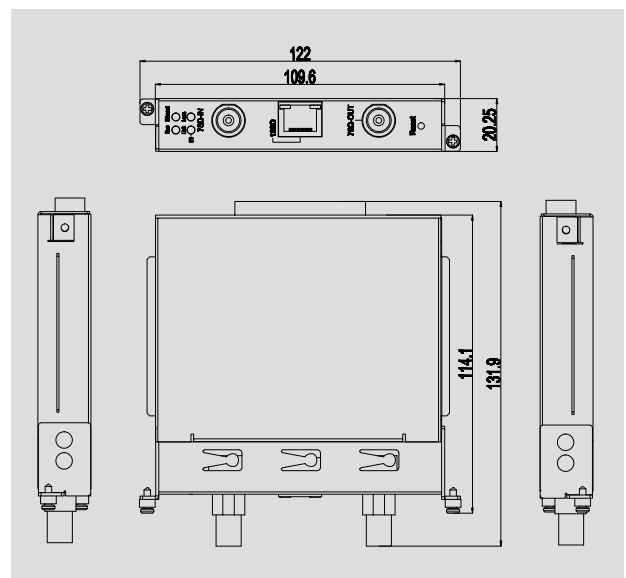E1 Status: Link, Loss

Physical Characteristics
Housing: Metal, fanless
Protection Class: IP40
Dimension (WxHxD): 122mmx20.3mmx114.1mm(W×H×D) (4.83x0.80x4.49 in.)
Weight: 0.3Kg (0.661 pound)

Power Requirements
Power input: 3.3VDC
Power terminal: A type interface (powered by backplane)
Power consumption: <3W

Environmental Limits
Operating Temperature: -40 to 85℃ (-40 to 185°F)
Storage Temperature: -40 to 85℃ (-40 to 185°F)
Ambient Relative Humidity: 5 to 95% (non-condensing)

Warranty
5 years

Mechanical Drawing

Ordering Information

SM6.6-PTP-OVER-E1/T1 = PTP time sync module over E1/T1