GPT-PTP over E1/T1 Module

PTP over E1/T1 Module for SICOM3028GPT

Preliminary

- Designed for the SICOM3028GPT-L2GT,SICOM3028GPT-L2FT,SICOM3028GPT-L3GT,SICOM3028GPT-L3FT and managed by SICOM3028GPT chassis.
- 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
- Supports hot-swap for easy maintenance (only can replace the same type of module)

Overview

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

Product Specifications

Interface

E1/T1 Interface
- ▼ Speed: 2.048Mbps(E1), 1.544Mbps(T1)
- ▼ Resistor: Unbalanced 75Ω,Balanced 120Ω
- ▼ Connector: Unbalanced BNC, Balanced 4-pin 5.08 mm-spacing plug-in terminal block
- ▼ Electrical: ITU-T G.703, G.704
- ▼ Standard: ITU-T G.823

LED

LEDs on front panel
- ▼ Running LED: RUN
- ▼ Ethernet LED: Ethernet
- ▼ E1 LED: Link,Loss

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	<3W

Environmental Limits

Operating temperature	-40℃ to +85℃ (-40°F to 185°F)
Storage temperature	-40℃ to +85℃ (-40°F to 185°F)
Ambient Relative Humidity	5%-95% (non-condensing)

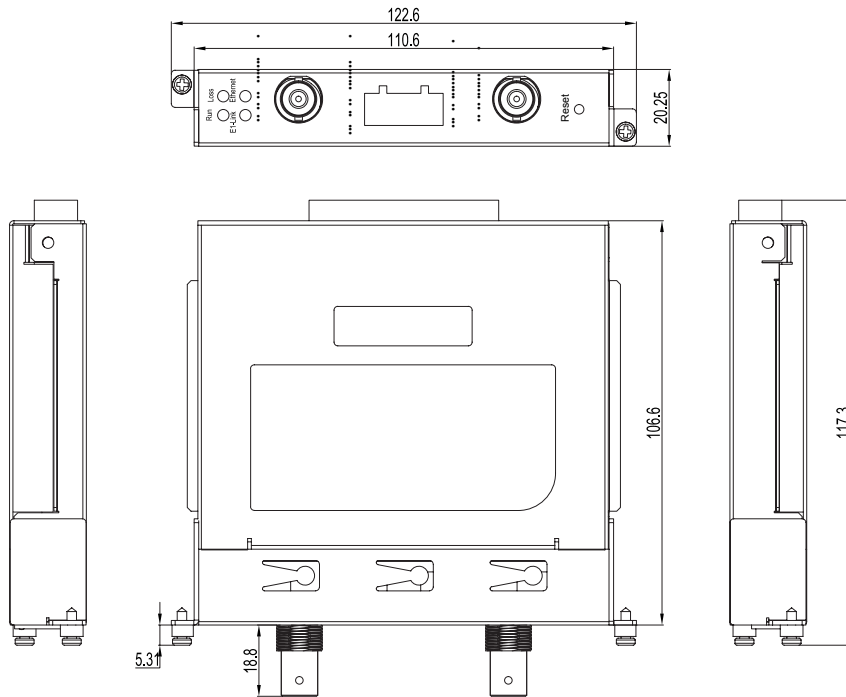## Quality Assurance

Warranty	5 years

Approvals

CE (pending), FCC (pending)
Please check Kyland website for the latest updates.

❱❱ Mechanical Drawing

❱❱ Ordering Information

Model	Description
SM6.6-PTP-OVER-E1-0.5U	PTP over E1 module, Balanced interface
SM6.6-PTP-OVER-E1-UB-0.5U	PTP over E1 module, Unbalanced interface