

TMS-Trigger Module

TMS-Trigger Module for SICOM3028GPT

Preliminary



- Designed for the SICOM3028GPT-L2GT, SICOM3028GPT-L2FT, SICOM3028GPT-L3GT, SICOM3028GPT-L3FT and managed by SICOM3028GPT chassis.
- Internal time synchronized as PTP slave with SICOM3028GPT chassis
- Supports GOOSE publish and MMS report
- Supports optical/electrical signal input/output
- Supports hot-swap for easy maintenance (only can replace the same type of module)

Overview

Trigger module is specifically designed for SICOM3028GPT series which support PTP protocol. This module works as a part of TMS (Time Management System), provide accurate trigger and response, it realizes the real-time monitoring to the synchronization condition of various devices in the network.

Product Specifications

Technical Specifications

Standard

- ▼ IEEE1588-2008(PTPv2)
- ▼ IEC61850-8-1(GOOSE and MMS)

Interface

IRIG-B port

- ▼ IRIG-B DC input/output, TTL, 4-pin 3.81mm-spacing plug-in terminal block

Electrical signal input

- ▼ Pulse, VDC110/220, 2-pin 3.81mm-spacing plug-in terminal block

Electrical signal output

- ▼ Pulse, 2-pin 3.81mm-spacing plug-in terminal block

Optical signal input

- ▼ Pulse, multi-mode SC connector

Optical signal output

- ▼ Pulse, multi-mode SC connector

Console port

- ▼ RS232, RJ45

LED

Running LED: Run

Power LED: PWR

Electrical signal output LED: DO1

Electrical signal input LED: DI1

Optical signal output LED: DO2

Optical signal input LED: DI2

Power Requirements

Power input	3.3VDC
Power terminal	A type interface (powered by backplane)
Power consumption	<1.5W

Physical Characteristics

Housing	Metal
Cooling	Natural cooling, fanless
Dimensions(WxHxD)	▼ 122mm×41mm×106.6mm(4.80×1.61×4.20 in.)
Weight	0.5Kg (1.102 pound)

Environmental Limits

Operating temperature	-20°C ~+85°C (-4°F - 185°F)
Storage temperature	-40°C ~+85°C (-40°F - 185°F)
Ambient Relative Humidity	5%-95% (non-condensing)

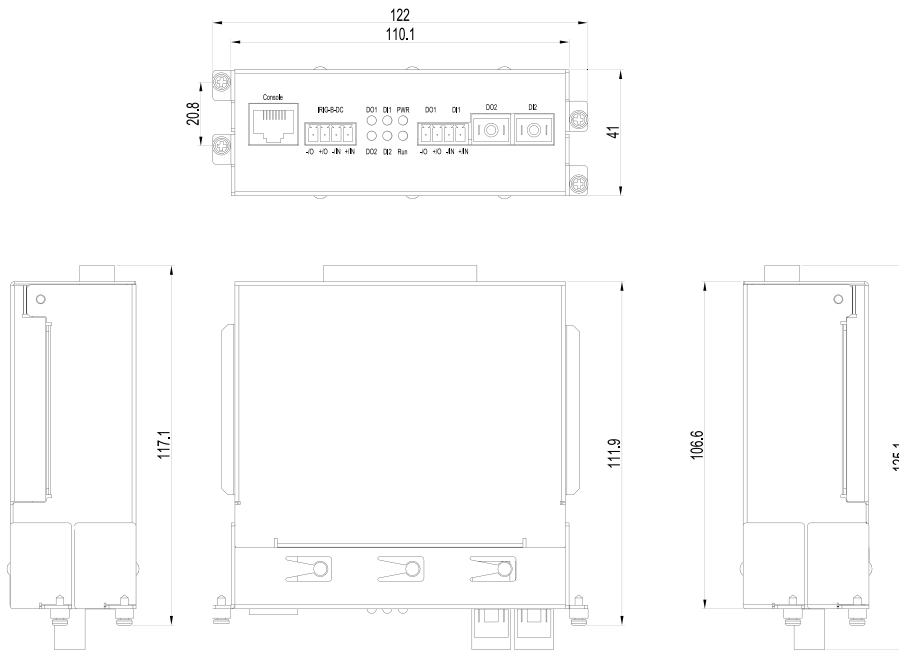
Quality Assurance

Warranty	5 years
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Approvals

Please check Kyland website for the latest updates.

» Mechanical Drawing



» Ordering Information

Model

SM6.6-TMS-Trigger-1U

Description

TMS-trigger module, 1 IRIG-B output, 1 IRIG-B input, 2 signal input, 2 signal output, 1 Console port