Product Model LGS2000-F-TMC10

Product Image



Product Overview

Technical Specification

LGS2000-F-TMC10 is a multi-functional clock terminal providing nanosecond time services for coal mine applications, providing one uplink gigabit COMBO interface and downlink 5 hundred megabit electrical 2 hundred megabit optical interfaces, supporting PTP precise network time and TOD and other time output signals to meet time synchronization needs, while providing WEB, SNMP and other management modes; using a high performance CPU, supporting TSN features.

Exchange function
Meet the requirements of mining industry intrinsically safe certification
High-performance CPU, 4-core 1.2G Cortex A7 architecture, 1G memory, 16GB EMMC FLASH storage space
Standard Linux operating system, supporting client program

Support CLI, SSH, WED and QUIDENT LONG STANDARD STANDARD

Security Features Support SSH Support blacklist and whitelist

Management function
Support CLI, SSH, WEB and other management methods
Support LLD Pauto topology
Support SNMP+1/x2/x3,ROMON_SNTP
Support TFPIFT upgrade, support logging and uploading
Device maintenance: support port mirroring

Indicator light
Operation indicator for Run
Power indicator:SYNC
Power indicator:HOLD
Power indicator:PWR
Interface indicator:Link/ACT,Speed

Clock function

Support TOD external clock input

Support 1 way TOD output

Support 1 way TOD output

Support 1 way TOD output

Support unicast and multicast timing modes

Support unicast and multicast timing modes

Support toward clock, boundary clock, transparent clock (E2E, P2P) and other working modes

Support 1 way 6PS input

Support 2-way 6PS input

Support 2-way clock measurement function

Power

Input voltage: 18-36V DC power input

Power: < 4W

Environment

Operating temperature - 20 °C ~+70 °C

Environment
Operating temperature -20°C →+70°C
Storage temperature -40°C →+85°C
Relative humidity 5-95% no condensation
Quality Assurance
MTBF: 360,000 hrs
Warranty: 5 years

Structure
Dimensions 40mm×125mm×142mm(W×H×D)

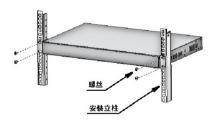
Power Access



5pin 5.08mm terminals Power Input: 220VAC P1&P2 Dual redundant power supplies

Installation

Rack mounting



Ground protection



Machanical Drawing

