



Features

- In unicast mode, a maximum of 128 slave clocks are supported
- Two PTP optical ports

Applications

- Communication network: mobile communication base station, bearer network equipment, etc
- Rail transit: subway, high-speed rail, light rail and other private network communication
- Power: operation scheduling, fault location, power communication network, etc
- Others: Public security, taxation, banking, hospitals, securities, postal services, airports, meteorology, autonomous driving, AR/VR, industrial automation, etc



RoHS
COMPLIANT

Standard Specifications

Parameter	Timing Server HLM1000
Type	Outdoor type (master clock)
Operating temperature (°C)	-40°C ~ 65°C
Power consumption (W)	30
1588v2& SyncE	support
GNSS(GPS/BDS/GLONASS/GALILEO)	support
Frequency accuracy (@24h)	±1.0E-12(Tracking satellite)
Synchronization time accuracy (ns)	± 20
Retention capacity (µs@24h)	±1.5
Slave clock (PCS)	128
Power source(V)	AC:100-240
Retention capacity	1.5µs/24 hours (Δ T=±10℃) 1.1µs/24 hours (25℃±1℃)
Dimensions (mm)	250*190*75

Other

- It is a rugged, IP65 rated outdoor master clock that provides precise frequency, phase and time synchronization solutions for packet networks.
- Support the GNSS, GPS/Beidou/GLONASS/Galileo/QZSS
- Supports IEEE1588v2, NTP, and SyncE
- Meets PRTC-B standards
- Protection level: IP65