



Features

- Maximum number of supported ports: 4 x SFP, 28 x RJ45, 16 x STM-1, 32 x E1
- Switching capacity: 64Gbps full-duplex switching capacity
- Layered MPLS-TP OAM and Ethernet OAM

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



Standard Specifications

Parameter	Timing Server HLB1000
Type	Boundary clock
Power source(V)	AC : 100~240 DC : 48
Operating temperature (°C)	-20°C ~ 65°C
Power consumption (W)	50
1588v2& SyncE	support
GNSS(GPS/BDS/GLONASS/GALILEO)	NA
Frequency accuracy (@24h)	±5.0E-8 (Free oscillation)
Max TE (ns)	7 0
Retention capacity (µs@24h)	NA
Slave clock (PCS)	NA
Dimensions (mm)	440*403*44

Other

- This is a high-performance edge clock device that supports IEEE1588v2 and SyncE and can be deployed throughout the packet network to help improve end-to-end network synchronization accuracy.
- Supports IEEE1588v2 and SyncE
- Second-level multicast, third-level unicast
- Synchronization accuracy ±70ns (G.8273.2 Class B)
- Supports E-LINE, E-LAN, and E-Tree services