



Internal Time Base

LEDI® NetCompact is equipped with internal time base allowing accurate timekeeping in case of loss of synchronization.

TCXO

- Accuracy: ± 1 10-6 Max. to 25°C
- Frequency stability : ± 1.5 10-6 from -40°C to +85°C
- Ageing: ± 1 10-6 / year Max. to 25°C
- Holdover after 24h: 10ms

Security and network

- Backup** of configuration setting in flash memory
- Supervision via SNMPv3** or supervision software GT SCADA or Syslog
- Remote configuration via secured web page
- Configuration** setting command prompt via **SSHv2**
- Firmware update via **FTPS** or **SCP**
- Compatible IP v4/v6** (compatible DHCP v4/v6)
- Configuration on web interface via **HTTP** and **HTTP(s)**
- Secure access to web interface by **identifier and password**
- Authentication HTTP digest with SHA-256** footprint

Specifications

Power supply	Standard: 18-72VDC on screw terminal block (2 points plug-in connector included) Optional: wall adapter or 230VAC DIN rail mounting
Certifications	CE, UKCA
Maximal Consumption	0.5A @ 18VDC (9VA)
IP	31
MTBF	600 000 h
MTTR	Network/power supply/radio receiver: 15 min
Weight	455g
Dimensions	Rail DIN 180x38x111mm (LxHxD) Rack 19" 1U (with adaptation brackets) optional
Display	3 status LED: Power / Sync. / Alarm
Operating Temperature / Hygrometry	-20 to 50°C / max 90% RH (without condensing)
Storage Temperature / Hygrometry	-20 to 70°C / 10 to 85% RH

Power supply

- Power supply
Rail DIN 230VAC 50-60 Hz
- European wall plug power supply
230VAC 50-60 Hz



LEDI® NetCompact

Robust GPS Time server, delivering NTP monitored in SNMP
Visible Alarm on LEDs front screen and rapid configuration from the button panels.

Key feature

- NTP/SNTP server output on RJ45
- Compliance:** RFC 5905 (NTPv4) / RFC 4330 (SNTPv4)
- Quick commissioning via WEB interface**
- Alarm management via SNMP TRAP (V1, V2C and V3)**
- Time base and algorithm to ensure output accuracy
- Status information by LEDs in front panel

Configuration

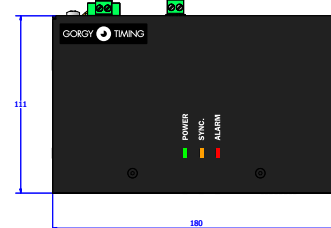
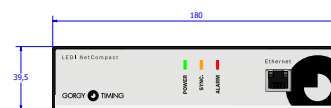
- Remote Configuration and time setting via embedded web interface
- IP Configuration by front panel keyboard
- Configuration file can be retrieved and uploaded via secured web interface
- Activating and deactivating network interfaces
- Auto-IPv4

Synchronization inputs

- 1 synchronization input :
 - GPS
 - NTPv4 : Ethernet RJ45 10/100BASE-T (5 configurable servers)
 - ALS

Synchronization outputs

- NTPv4 / SNTPv4 Ethernet RJ45 10/100BASE-T: unicast, multicast, broadcast
- Maximum number of responses per second: 5 600
- Maximum number of clients (64-second period, burst mode inactive): 358 400



LEDI® NetCompact

		ITEM CODE				
		94086	/			
			↑	↑	↑	
Synchronization input						
NTP 10/100 Base T – port RJ45	■	N				
GPS receiver (antenna not included)	■	G				
ALS 162kHz receiver (antenna not included)		S				
Power supply Option						
Standard: 18-72VDC Power Supply	■	0				
Wall mounted Europe 230VAC 50-60 Hz Power Supply	■	1				
DIN 230VAC 50-60 Hz Power Supply	■	2				
Fixation						
Standard : Rail DIN Support	■	0				
ADAPTATION BRACKETS 19" 1U	■	7				

Antennas		ITEM CODE	
GPS ANTENNA			
GPS antenna + 20 meters cable	▣	907048-020	
GPS antenna + 50 meters cable	▣	907048-050	
ALS ANTENNA			
ALS antenna + 5 meters cable (maximum)	▣	907025-005	