



LEDI® NetCompact

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

Internal Time Base

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

TCXO

- Accuracy: $\pm 1 \cdot 10^{-6}$ Max. to 25°C
- Frequency stability : $\pm 1.5 \cdot 10^{-6}$ from -40°C to +85°C
- Ageing: $\pm 1 \cdot 10^{-6}$ / 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 **HTTPS**
- Secure access to web interface by **identifier and password**
- **Authentication HTTP digest with SHA-256 footprint**

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

The LEDI Netcompact product sent to the NTP synchronisation input cannot be changed to GPS or ALS without returning it to the factory.

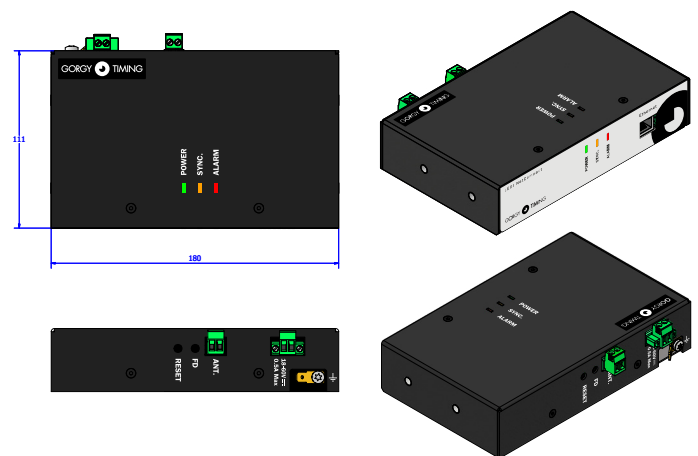
- 1 synchronization input :
 - GPS
 - NTPv4 : Ethernet RJ45 10/100BASE-T (5 configurable servers)
 - ALS

Specifications

Power supply	Standard: 18-60VDC 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

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



Power supply

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



LEDI® NetCompact

		ITEM CODE		
		94086	/	<input type="text"/>
				<input type="text"/>
				<input type="text"/>
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: 18-60VDC 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	

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		ITEM CODE
Antennas		
GPS ANTENNA		
GPS antenna + 20 meters cable	<input type="checkbox"/>	907048-020
GPS antenna + 50 meters cable	<input type="checkbox"/>	907048-050
ALS ANTENNA		
ALS antenna + 5 meters cable (maximum)	<input type="checkbox"/>	907025-005