



## LEDI® NETWORK TDS GPS – DIN TH35

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

### Internal time base

The LEDI® NETWORK TDS GPS is fitted with an internal time base allowing timekeeping in case of loss of synchronisation.

- **TCXO:**  
Frequency stability:  $2.10^{-8}$  (0°C to 50°C)  
Ageing:  $1.5.10^{-9}$  / day.

### Security

- Backup configuration settings in flash memory.
- Supervision via SNMP v1, v2c or v3 or Gorgy Timing supervision software.
- Remote configuration via a secure website.
- Firmware update via FTP or Secure Copy Protocol.
- Compatible IP v4/v6 (compatible DHCP v4/v6), 10/100 Mbps
- Secured connexion via HTTP(s) for setup/configuration
- SSH command capability.

### Specification

<b>Power supply</b>	18-72 VDC
<b>Certifications</b>	CE, EN 60950 (safety), EN 55022 (EMC emission), EN 55024 (EMC immunity), ROHS
<b>Maximal consumption</b>	10 VA
<b>IP</b>	31
<b>MTBF</b>	120 000 h.
<b>MTTR</b>	CPU: 10 min. Display: 5 min. Output: 5 min.
<b>Weight</b>	2.3 Kg (Standard configuration)
<b>Dimensions</b>	Din Rail 209 x 88 x 136 mm (LxHxP)
<b>Display</b>	4 x 20 LCD display with blue backlight. 3 Leds used for status of power supply, synchronisation and alarms.
<b>Operating T°</b>	-20°C to 50°C

### Key Features

- Easy Plug and Play
- 1 NTP/SNTP output
- Alarm management via SNMP TRAPS (V1, V2C et V3).
- Less than 5 minutes cold start
- Rail Din mounting fixture



- LED status information on front panel
- Configuration file, to download and upload configuration details easily and securely (SCP)

### Configuration

- Remote configuration and time setting via a built-in web interface.
- IP configuration by keyboard on front panel.

### Synchronisation input

#### Synchronisation:

- GPS antenna (max 100m cable)
- RTB GPS antenna (100m to 10 kms)

### Time code outputs

- NTP Ethernet 10/100 base T

### Storage conditions

Conditions	temperature	hygrometry	maximum cumulated duration
Extreme	-20°C to 0°C	10 to 85% HR	48h
Extreme	40°C to 70°C	10 to 85% HR	48h
Normal	10°C to 40°C	10 to 85% HR	6 months

*The product must be lit for 4 hours every 3 months to keep its characteristics\*.*

\* see the user manual for more information

# LEDI® NETWORK TDS GPS – DIN TH35

Version < 100m cable	Part number	
TDS GPS DIN TH35 (3G25)	94063/G	
GPS antenna (converter) with 25m cable length	3G25-V3	
GPS antenna (converter) with 50m cable length	3G50-V3	

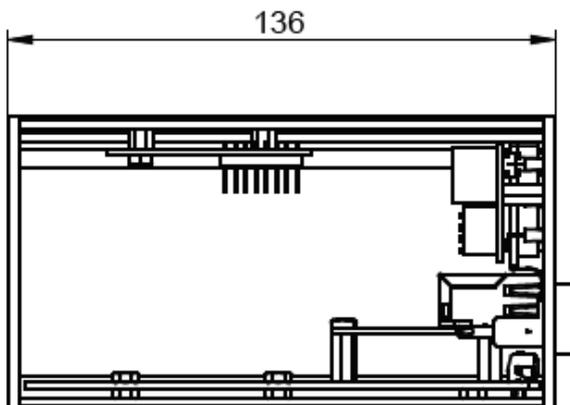
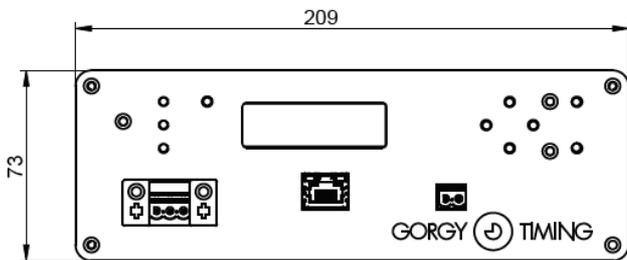
Version > 100m cable	Part number	
TDS GPS DIN TH35 (RTB GPS)	94063/8	
RTB GPS antenna (cable is not provided)	4048/00	



GPS antenna (converter)

RTB GPS antenna

## CAO draws



**NB:** Gorgy Timing recommends equipment GPS antenna + cable for the LEDI® NETWORK TDS use.

