

LEDI® NETWORK TS SRK



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® NETWORK TS SRK is equipped with internal time base allowing accurate timekeeping in case of loss of synchronization.

- **TCXO**

Frequency stability: 2.10^{-8} (0°C to 55°C)

Ageing: $1,5.10^{-9}$ / day

Security and network protocols

- **Backup of configuration setting** in flash memory
- **Supervision via SNMP V3** or supervision software GT SCADA or Syslog
- **Remote configuration** via secured web page
- Configuration setting command prompt via **SSH**
- Firmware update via FTP or SCP
- **Compatible IP v4/v6** (compatible DHCP v4/v6)
- Configuration on Web interface via HTTP et HTTP(s)
- Secure access to web interface by identifier and password
- Authentication protocol and MD5 encryption
- Network communication ports can be disabled

Specifications

Power supply	110-230VAC – 50/60Hz type IEC 60320 defined C14
Power Cable	IEC 60320 defined C13 / MALE SCHUKO 2 (EUROPE) & (Type E)*
Certifications	CE, EN 62368 (Safety), EN 55032 (EMC transmission), EN 55034 (EMC immunity), ROHS
Maximal Consumption	20 VA
IP	31
MTBF	120 000 h
MTTR	Mother board: 10 min Display board: 5 min Output board: 5 min
Weight	< 2 Kg
Dimensions	Rack 19" 1U 482x44x144 mm (LxHxD)
Display	4 x 20 characters blue LCD screen backlight 3 LED Indicators: power / sync / alarm
Operating Temperature / hygrometry	-20 to 50°C / max 90% HR (without condensing)
Storage temperature / hygrometry	-20 to 70°C / 10 to 85% HR

*For other types of power cables, refer to the power cable reference table

Points forts

- **NTP/SNTP server output on RJ45**
- **Plug and Play**
- **TRAP SNMP (V1, V2C et V3) alarms**
- **Time base and algorithm for accurate output**
- **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 configurations
- Auto-IP v4

Synchronization inputs

- **1 Synchronisation input:**
 - GPS (by 3Gxx antenna)
 - NTP 10/100 base T

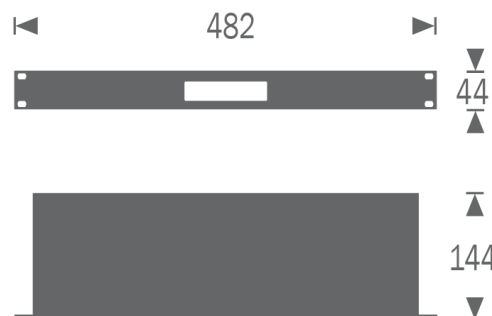
Synchronisation outputs

- NTP/SNTP (V2, V3, V4) 10/100 base T – port RJ45

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 TS SRK

		ITEM CODE			
		94070	/	□	□
Synchronisation output		↑	↑	↑	
GPS receiver (by GPS convertor 3Gxx ⁽¹⁾ antenna) – 2 points screw terminal block	■	C			
NTP 10/100 Base T – RJ45 port	■	N			
<i>(1) Antenna and cable to be ordered separately</i>					
Power supply					
110-230 VAC 50/60Hz	■	0			
Tropicalized	■			U	

GPS Antenna Converter for item 94070/	ITEM CODE	
GPS Antenna (converter unit) with 25m cable	3G25-V4	
GPS Antenna (converter unit) with 50m cable	3G50-V4	
GPS Antenna (converter unit) with 100m cable	3G100-V4	