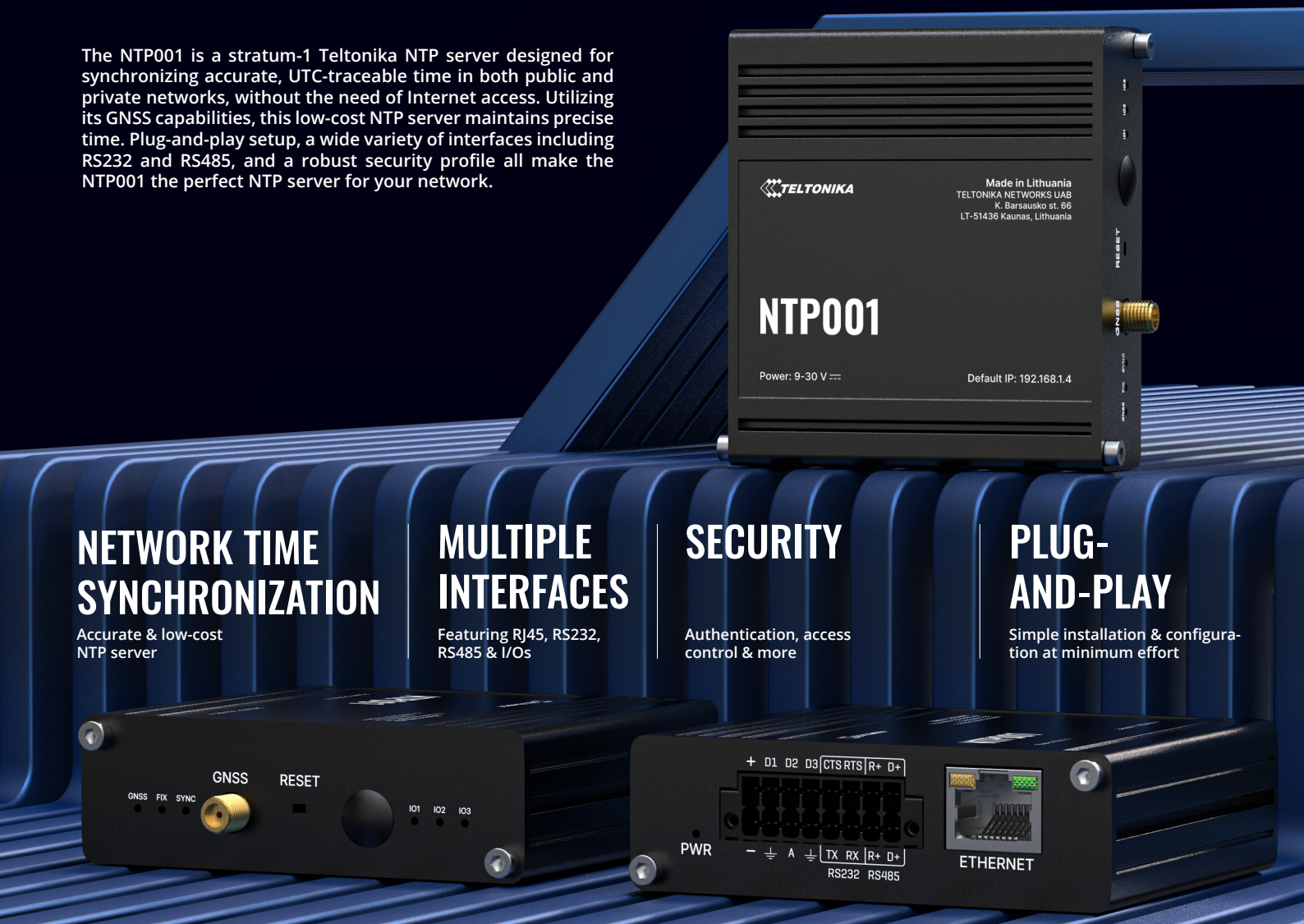
NTP001

NTP001 NTP SERVER

NTP001 360° VIEW

The NTP001 is a stratum-1 Teltonika NTP server designed for synchronizing accurate, UTC-traceable time in both public and private networks, without the need of Internet access. Utilizing its GNSS capabilities, this low-cost NTP server maintains precise time. Plug-and-play setup, a wide variety of interfaces including RS232 and RS485, and a robust security profile all make the NTP001 the perfect NTP server for your network.



NETWORK TIME SYNCHRONIZATION

Accurate & low-cost NTP server

MULTIPLE INTERFACES

Featuring RJ45, RS232, RS485 & I/Os

SECURITY

Authentication, access control & more

PLUG-AND-PLAY

Simple installation & configuration at minimum effort

KEY FEATURES

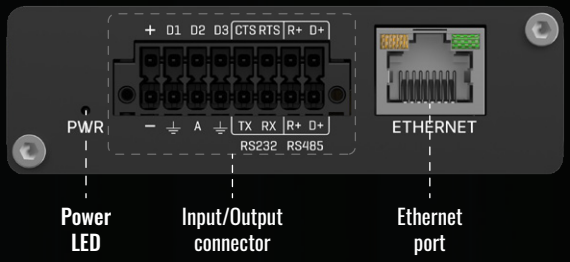
HARDWARE

CPU	Mediatek, 580 MHz, MIPS 24KEc
RAM	128 MB, DDR2
Storage	16 MB, NOR Flash
Powering options	16-pin terminal, 9-30 VD
Antenna connectors	1 x SMA for GNSS
Ethernet	1 x RJ45 ports, 10/100 Mbps
GNSS	GPS, GLONASS, BeiDou, Galileo and QZSS
Inputs/Outputs	3 x Digital Input, 0 - 6 V detected as logic low, 8 - 30 V detected as logic high, 3 x Digital Output, Open collector output, max output 30 V, 300 mA
Serial	RS232, RS485
Status LEDs	1 x Power, 2x GNSS status LEDs, 1x NTP Server status LED, 3 x IO status LEDs
Operating temperature	-40 °C to 75 °C
Housing	Anodized aluminum housing and panels
Dimensions (W x H x D)	82.6 x 25 x 83 mm
Weight	180 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Network features	Network protocols, Connection monitoring, Network topology, DDNS
Security	Authentication, WEB filter, Access control, 802.1x
Monitoring and Management	WEB UI, SSH, SNMP, JSON-RPC, MODBUS
NTP	Supported modes, Daytime Protocol, Date over Serial, NTP, Protocol, NTP Accuracy, NTP Performance, Synchronization Accuracy
Services	Modbus, Modbus MQTT Gateway
Location Tracking	GNSS, Acquisition Sensitivity, Accuracy, Time Source, Startup

FRONT VIEW



BACK VIEW