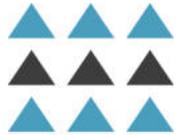# RTK-GPS STATION

ALL-IN-ONE EDGE-LÖSUNG
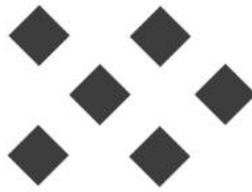**DOCUMENT VERSION 1.0.2**

RTK-GPS STATION INCL. ANTENA

SKU: RB_RTKS1

RTK-GPS STATION

The RTK-GPS Station by REBOTNIX is a professional satellite-based positioning system designed for applications that demand extremely precise real-time location data. By combining a fixed base station with a mobile receiver, it achieves centimeter-level accuracy – reliably compensating for typical GPS errors caused by atmospheric disturbances. Supporting GPS, GLONASS, Galileo, BeiDou, and QZSS with update rates up to 30 Hz, the station is built for demanding outdoor use across a wide temperature range.

With a Gigabit Ethernet port for network connectivity and a robust N-Female antenna socket, it integrates seamlessly into existing infrastructure. Ideal for smart city solutions, agriculture, construction, surveying, and any application where precise automated positioning is critical.

www.rebotnix.com

nVIDIA | Preferred Partner

RTK-GPS STATION

ALL IN ONE EDGE SOLUTION

SPEZIFICATIONS

ELEKTRICAL SPECIFICATIONS

DC voltage input	AC 230V
Power consumption	Max.20W

ENVIRONMENTAL SPECIFICATIONS:

Temperature range	-20°C bis 85°C
Humidity	Non-condensing

INTERFACES & CONNECTORS

RJ45	1 x RJ45 up to 1000mbps
N-Female Socket	Antenne Socket
Power supply Connection	3 × 1.5 mm² cable

POSITIONING – RTK GNSS

GNSS	GPS, GLONASS, Galileo, BeiDou, QZSS
Navigation Update Rate	Up to 30 Hz
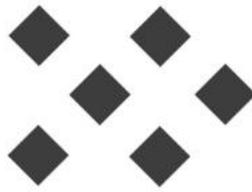
SPAZIFICATIONS

TECHNICAL SPECIFICATIONS

Station Dimensions	269 x 239 x 81mm
Antenna Dimensions	166 x 87mm
Station Waight	2800g
Antenna Weight	600g

STATION
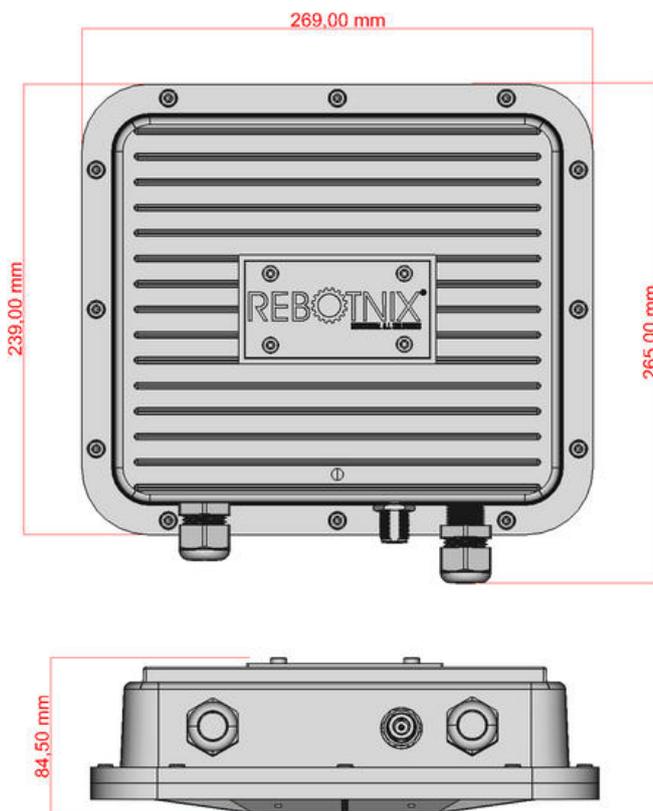
ANTENNA
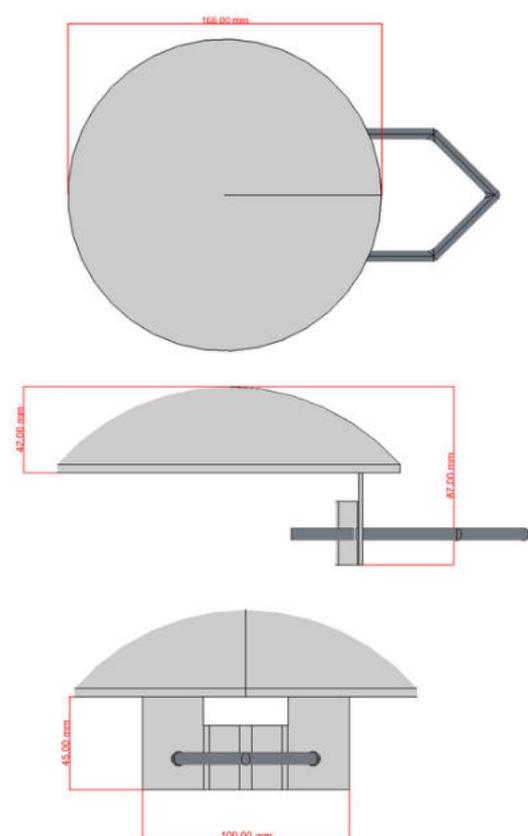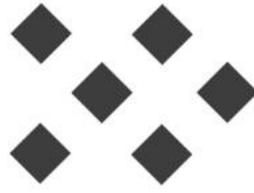
REBOTNIX®
INDUSTRIAL A.I. SOLUTIONS

CONNECTIVITY

AC 230V

RJ45

POWER-LED   ANTENNA CNNECTOR

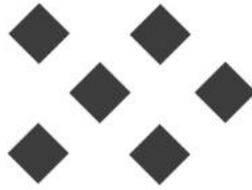|	
AC 230V	- Power supply for the RTK GPS station
POWER-LED	- Power LED indicates the operating status of the device.
ANTENNA CONNECTOR	- Antennenanschluss mit N-Female Buchse
RJ45	- Modular interface for intranet connectivity

www.rebotnix.com

RTK-GPS STATION

ALL IN ONE EDGE SOLUTION

LIVETIME

JANUARY 2030

During the product lifecycle, changes to hardware components may occur, which may be accompanied by corresponding software changes (e.g., updates to memory components). REBOTNIX reserves the right to make changes to availability at any time resulting from supply chains of suppliers from the chip industry, e.g., NVIDIA Corp.