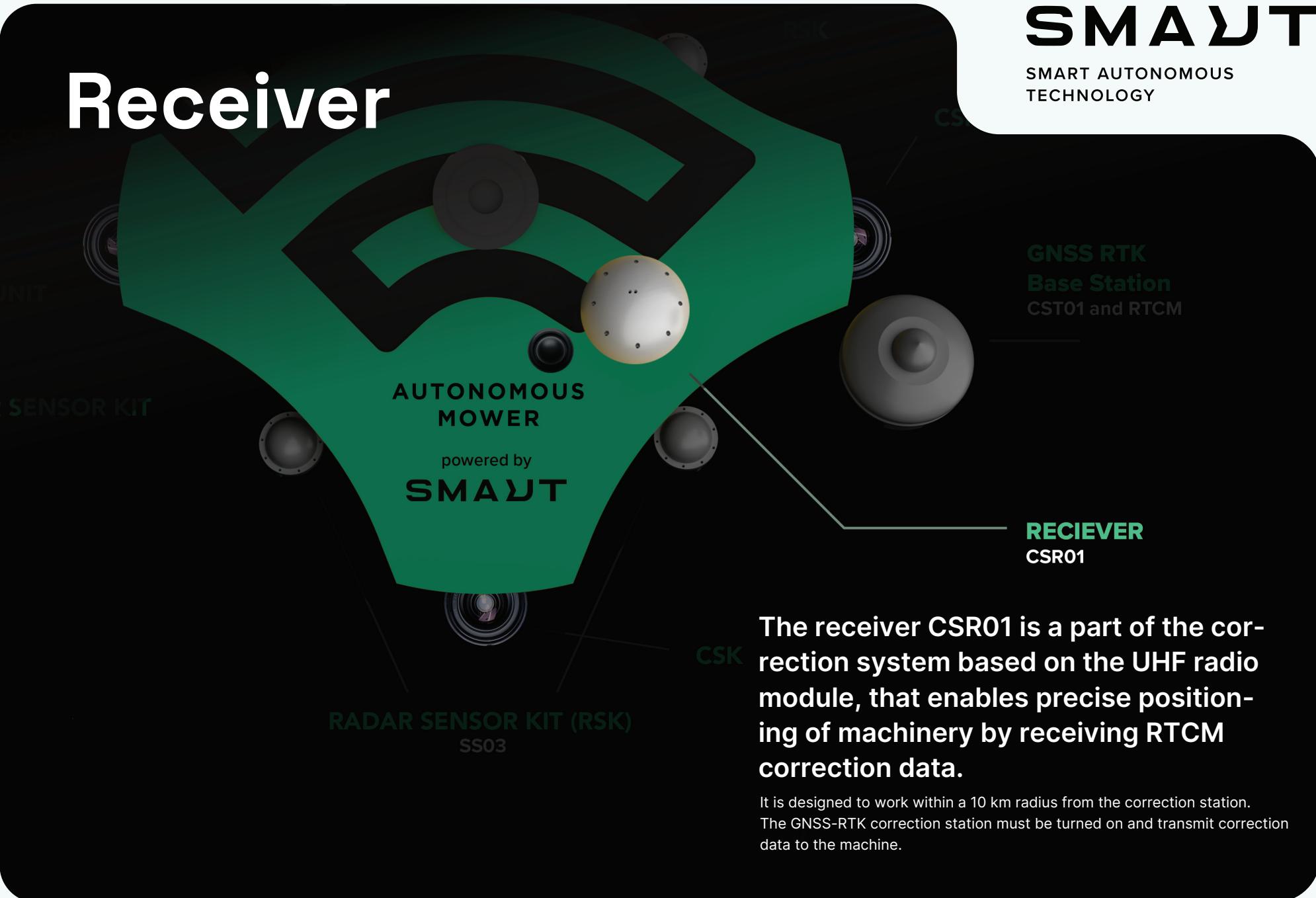


SMAUT

SMART AUTONOMOUS
TECHNOLOGY

Receiver



The receiver CSR01 is a part of the correction system based on the UHF radio module, that enables precise positioning of machinery by receiving RTCM correction data.

It is designed to work within a 10 km radius from the correction station. The GNSS-RTK correction station must be turned on and transmit correction data to the machine.

PRODUCT SHEET

SMAUT
SMART AUTONOMOUS
TECHNOLOGY

UHF Receiver

**GNSS RTK
Base Station**
CST01 and RTCM

RECEIVER
CSR01



www.smaut.tech

Description

PROVIDES RTCM CORRECTION DATA FOR PRECISE NAVIGATION

INTEGRATED INTO A DURABLE DOME INCLUDING AN ANTENNA

Provides RTCM 3.x differential GNSS corrections at 1 Hz via serial interface

Technical parameters

SIZE	19x7cm, dome shape
WEIGHT	0.5 kg
POWER SUPPLY	DC 12V/100mA
COVER	IP65, external use
WORKING TEMPERATURE	-30 to +65°C
UHF CORRECTION TRANSMITTER	UHF 430-470MHz, range up to 10km
COMMUNICATION INTERFACE	UART (TTL signal levels)

Application possibilities

-  Rugged, water-resistant housing built to withstand the harshest environments
-  Easy integration for customers solution
-  Autonomous vehicles
-  UHF solution for places without mobile operators coverage