

SMAUT

SMART AUTONOMOUS
TECHNOLOGY

Navigation Unit

CONTROL UNIT
CCU02

SENSOR UNIT
CCUS02

CSK
NAVIGATION UNIT
CCA01

LIDAR SENSOR KIT

SMAUT Navigation Unit delivers high-precision satellite positioning, specifically optimized for triple-band RTK applications.

The unit is equipped with a rugged GNSS antenna and an industrial-grade receiver. It provides accurate and consistent location data for a wide range of mobile systems and supports RTK, SBAS, and PPP corrections to meet diverse operational demands.

RADAR SENSOR KIT (RSK)
SS03

CSK

RSK

RSK

Navigation Unit



CAMERA SENSOR KIT (CSK)

Description

ACCURATE POSITIONING FOR ALL TYPES OF MACHINES

TRIPLE-BAND ACTIVE SATELLITE ANTENNA

CORRECTION VIA RTK, SBAS AND PPP

INTEGRATED MOTION AND WHEEL ANGLE PROCESSING

ENHANCED MECHANICAL STABILITY

Technical parameters

ANTENNA

Tallysman, triple-band, with multi-path signal rejection,
weatherproof

GNSS MODULE

u-blox ZED-F9P – Multi-band GNSS receiver delivering
centimeter-level accuracy within seconds

POWER SUPPLY AND INTERFACE

5 V / 100 mA, 2x RS-232 (TTL level), 1 PPS output

HOUSING

Compact, weatherproof and vibration-resistant

WORKING TEMPERATURE

-30 °C to +80 °C

Application possibilities

 Easy integration

 High-precision
in challenging conditions

 Precision agriculture

 Compact, weatherproof,
vibration-resistant

 Autonomous vehicles

 Machine control

