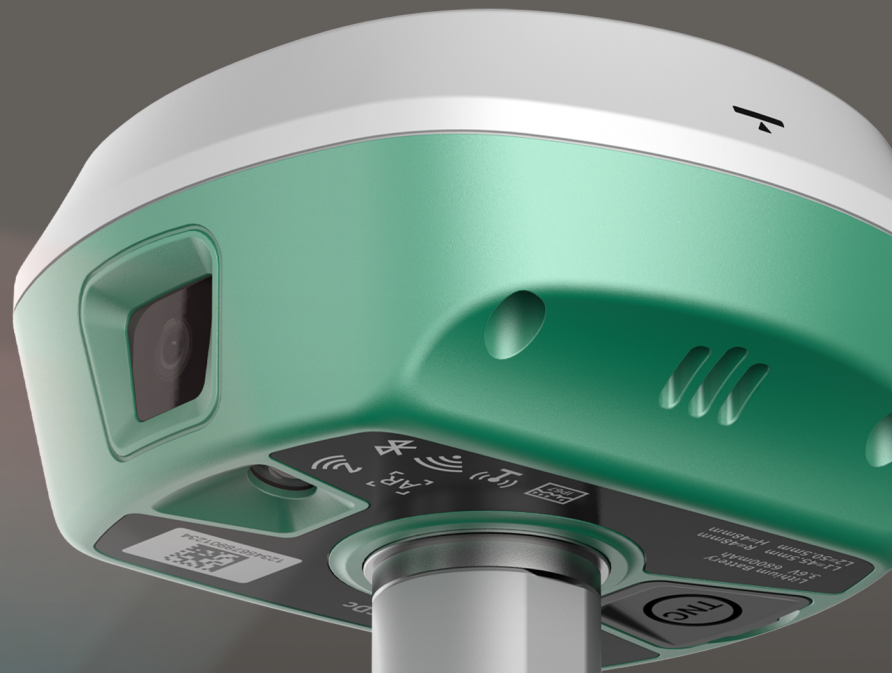


STEC

SDc

Beyond
imagination.



Ultra small and light
Less than 10cm width



Dual HD cameras
for AR



AR visual stake out
on CAD layer



Internal Receiving
UHF Radio



WiFi Datalink with
Controller Network



IP68
Water and Dust Proof

SPECIFICATIONS

SDc

SATELLITE PERFORMANCE

Channels	1,408 1,808 (upgradable)
GPS	L1C/A, L2C, L2P(Y), L5
GLONASS	L1, L2
BEIDOU	B1i, B2i, B3i, B1C, B2a, B2b
GALILEO	E1, E5a, E5b, E6
QZSS	L1, L2, L5, L6
SBAS	L1, L5
IRNSS	L5
L-Band	B2b-PPP, E6-HAS
Positioning Rate	1-50Hz

ACCURACY

Code Differential	H: 0.40m (RMS) V: 0.80m (RMS)
Static	H: 2.5mm±0.5ppm (RMS) V: 5.0mm±0.5ppm (RMS)
Real-time Kinematic	H: 8mm±1ppm (RMS) V: 15mm±1ppm (RMS)
Network RTK	H: 8mm±0.5ppm (RMS) V: 15mm±0.5ppm (RMS)
PPK	H: 3mm±1ppm (RMS) V: 5mm±1ppm (RMS)

IMU MEASUREMENT

Tilt Angle	120°
Accuracy	2cm within 60°

CAMERA

	Front	Bottom
Field of View	69°	69°
Pixel	2.0	2.0
Focal Length	5m	2m
Resolution	1920*1080	1920*1080

DATA STORAGE

Type & Storage	SSD 8GB
Data Transfer	Type-C USB Transfer Supports FTP/HTTP download
Differential Format	RTCM 2.1, RTCM 2.3, RTCM 3.0, RTCM 3.1, RTCM 3.2, RTCM 3.3, RTCM 3.4, NMEA 0183, PJK plan coord., binary code, Trimble GSOF
Static Data Format	DAT, RINEX 2.x, RINEX 3.x, BINEX
GPS Output Format	VRS, FKP, MAC

COMMUNICATION

I/O	Type-C Fast Charge
UHF Antenna Port	TNC
UHF Radio	Tx/Rx, 1w output, 410-470MHz
Protocol	S-LINK, TrimTalk, Satel, etc.
WiFi	2.4G/5G, 802.11 a/b/g/n/ac Hotspot/Data Link
Bluetooth	Bluetooth 2.1+EDR and Bluetooth 5.0
NFC	Available

INTERFACES

Button	1: Power
LED Indicator	Data Link, Satellite, Power

POWER SUPPLY

Battery	Internal Li-on Battery 3.6V, 6,800mAh Type-C Fast Charge
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PHYSICAL

Dimension	97*97*51mm
Weight	400g
Operating Temp.	-30°C to 65°C
Storage Temp.	-40°C to 80°C
Proof	IP68 water and dust proof Humidity: 99.90% non-condensing 1.8m drop on hard surface



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