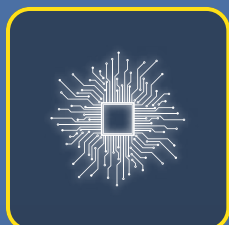


RECAP

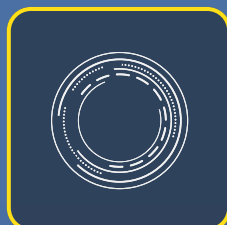
PACER



NEW CHIPSETS



IMU 60°



AR/VR Camera



IP68



740g

DEFY DRIFT. DEFINE DIRECTION.

SATELLITE PERFORMANCE

Channels:	1408 channels
GPS:	L1C/A, L1C, L2C, L2P, L5
GLONASS:	L1, L2, L3
BEIDOU:	B1I, B1C, B2a, B2b, B2I, B3
GALILEO:	E1, E5a, E5b, E5 AltBoc, E6
QZSS:	L1C/A, L1 C/B, L2C, L5
SBAS:	Egnos, WAAS, GAGAN, MSAS, SDCM, BDS
L-Band:	PPP SECORX
Positioning Rate:	20Hz

ACCURACY

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

IMU MEASUREMENT

Accuracy: (no tilt angle limit)	2cm
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DATA STORAGE

Type & Storage:	SSD 8GB External USB Pen drive
Data Transfer:	Type-C USB Transfer
Differential Format:	RTCM 2.1, RTCM 2.2, RTCM 3.0, RTCM 3.1, RTCM 3.2, NMEA 0183, CMR, CMR+
Static Data Format:	DAT, RINEXT 2.x, RINEXT 3.x, BINEX
GPS Output Format:	VRS, FKP, MAC

INTERFACES

Accuracy: (no tilt angle limit)	2cm
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CAMERA

Optical Format:	1/5"
Pixel Size:	1.751.75μm
Active Pixel Array:	1,6161,232
Sensor:	2 mega CMOS imaging sensors

COMMUNICATION

I/O:	Type-C (OTG+Ethernet)
Antenna Port:	All-in-one port for radio+GPRS antenna
Network Modem:	Nano-SIM card LTE FDD, LTE TDD, UMTS, GSM
UHF Radio:	2W Tx/Rx 410-470MHz
Protocol:	TrimTalk, Satel, etc.
WiFi:	802.11b/g/n Hotspot/Data Link
Bluetooth:	Bluetooth 2.1 + EDR and 4.0
NFC:	Available

POWER SUPPLY

Battery:	Internal Li-on Battery 7.2V, 6,800mAh
Operating::	Static mode 20h Rover mode 15h

PHYSICAL

Dimension:	74mm(H), 128mm (W)
Weight:	740g
Operating Temp.:	-30°C to 65°C
Storage Temp.:	-40°C to 80°C
Proof:	IP68 water and dust proof 2m drop on hard surface 40G 10ms sawtooth wave

