

# ТЕХНІЧНІ ХАРАКТЕРИСТИКИ

## СУПУТНИКИ (ASHETECH BD940)

Channels	336
GPS	L1C/A, L1C, L2C, L2E, L5
GLONASS	L1C/A, L1P, L2C/A, L2P, L3
BEIDOU	B1, B2, B3
GALILEO	E1, E5a, E5b, E5 AltBoc, E6
QZSS	L1C/A, L1 SAIF, L2C, L5, LEX
SBAS	L1C/A, L5
L-Band	Trimble RTX
Positioning Rate	1-50Hz

## СУПУТНИКИ (SEPTENTRIO X5)

Channels	1,760
GPS	L1C/A, L1C, L2C, L2P, L5
GLONASS	L1C/A, L2CA, L3 CDMA
BEIDOU	B1I, B1C, B2a, B2I, B3
GALILEO	E1, E5a, E5b, E5 AltBoc, E6
QZSS	L1, L1C, L2C, L5, L6
SBAS	L5
L-Band	PPP SECORX
Positioning Rate	1-100Hz

<b>ТОЧНІСТЬ</b>	Horizontal	Vertical
Code Differential	0.4m	0.8m
Static	2.5mm+0.5ppm	5mm+0.5ppm
Real-time Kinematic	8mm+1ppm	15mm+1ppm
Network PPK	3mm+1ppm	5mm+1ppm

## ІМУ ВИМІРЮВАННЯ

Tilt Accuracy (No tilt angle limit)	2cm within 60°
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## ЗБЕРІГАННЯ ДАНИХ

Type & Storage	SSD 8GB External USB Pen drive
Data Transfer	Type-C USB Transfer Supports FTP/HTTP download
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, RINEX 2.x, RINEX 3.x, BINEX
GPS Output Format	VRS, FKP, MAC
Network Model	Ntrip fully supportable

## КАМЕРА

Optical Format	1/5"
Pixel Size	1.75*1.75µm
Active Pixel Array	1616*1232
Sensor	2 mega CMOS imaging sensors

## КОМУНІКАЦІЇ

I/O	Type-C (OTG+Fast Charge+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	S-LINK, TrimTalk, Hi-target, SOUTH, CHC
WiFi	IEEE 802.11 a/b/g/n/ac Hotspot/Data Link
Bluetooth	Bluetooth 2.1 + EDR and 4.0
NFC	Available

## ІНТЕРФЕЙС

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

## ЗАРЯДКА

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

## ФІЗИЧНІ

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