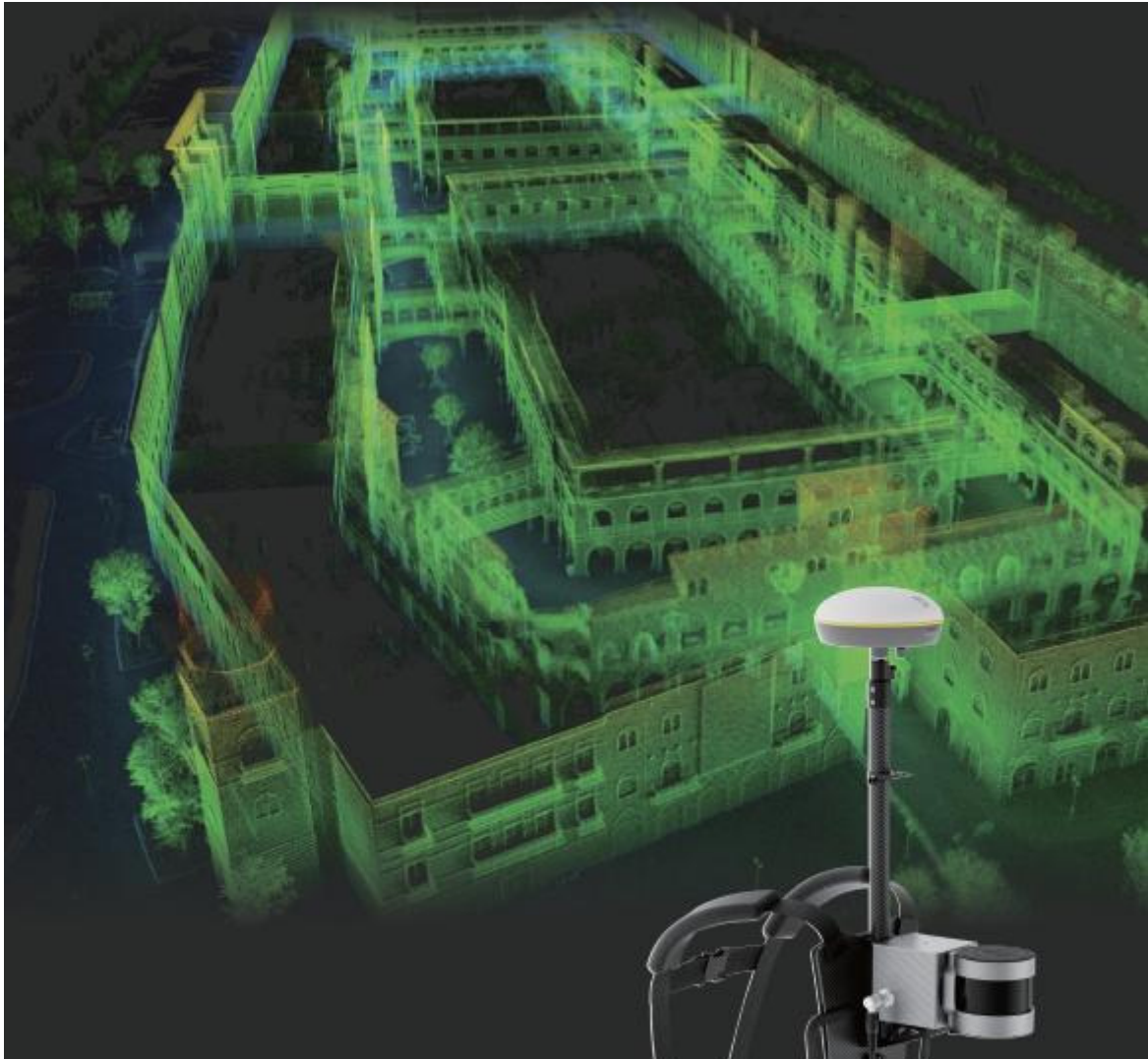




MAXNET
Lech Wereszczyński

ul. Walecznych 11/8 03-916 Warszawa
Tel./Fax (22) 561 07 84 www.eu-maxnet.pl
NIP 1130791058 REGON 015871387

Skaner laserowy 3D SLAM FJD F1 Trion
(wersja z RTK GNSS – system w plecaku)



FJD Trion™

BACKPACK

Różnorodne, sprawdzone, wydajne systemy pomiarowe w atrakcyjnych cenach

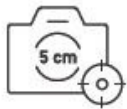


MAXNET
Lech Wereszczyński

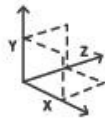
ul. Walecznych 11/8 03-916 Warszawa
Tel./Fax (22) 561 07 84 www.eu-maxnet.pl
NIP 1130791058 REGON 015871387

A NEW WAY TO SCAN THE WORLD

The FJD Trion Backpack, equipped with FJD Trion Vlt RTK Rover, delivers geo-referenced point cloud with centimeter-level accuracy. Without the need for external control points, it is a perfect choice for outdoor mobile scanning projects.



5 cm*
Absolute Accuracy



Georeferenced
Point Clouds



Easy to
Disassemble



Ergonomic
Design



Różnorodne, sprawdzone, wydajne systemy pomiarowe w atrakcyjnych cenach



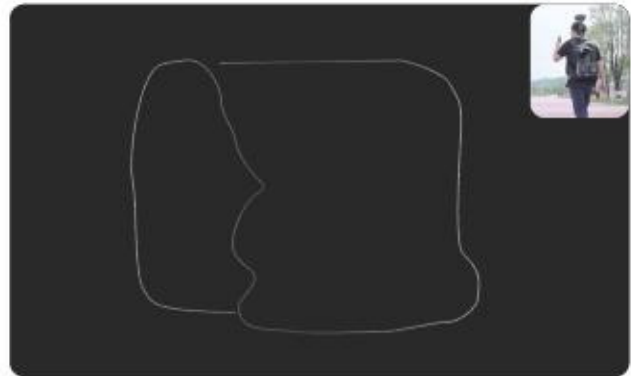
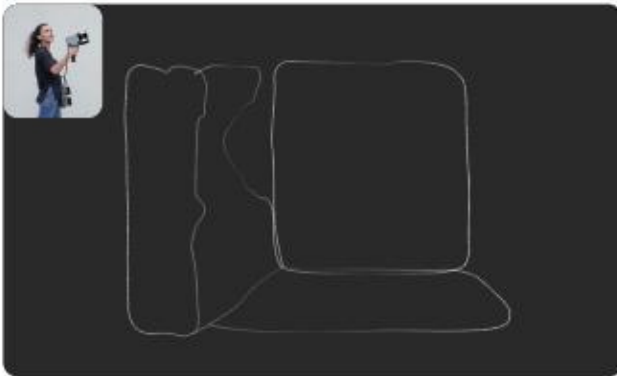
MAXNET
Lech Wereszczyński

ul. Walecznych 11/8 03-916 Warszawa
Tel./Fax (22) 561 07 84 www.eu-maxnet.pl
NIP 1130791058 REGON 015871387

ADVANTAGES

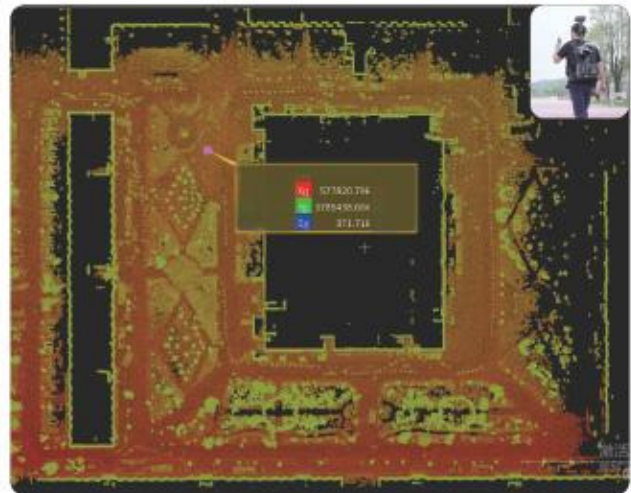
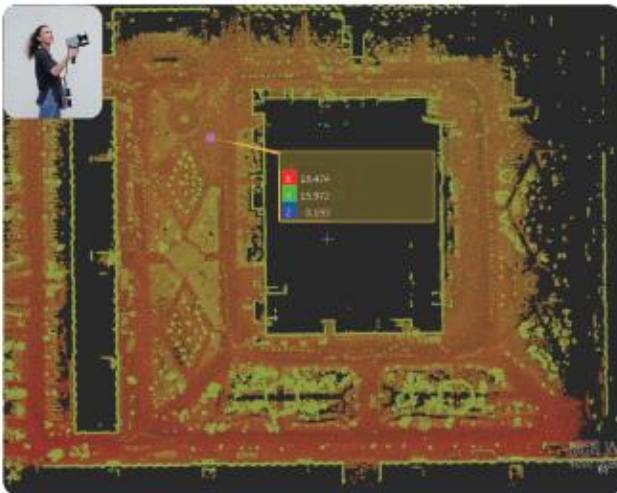
SCAN PATH LOOP CLOSURE INDEPENDENCE

Calibrated with FJD Trion Vlt RTK Rover, SI can work well without strict loop closure.



GEOREFERENCED POINT CLOUD

Delivering centimeter-level georeferenced point cloud data without control points.

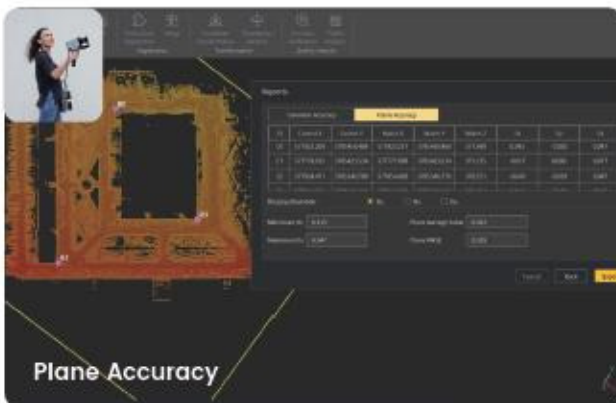


Różnorodne, sprawdzone, wydajne systemy pomiarowe w atrakcyjnych cenach

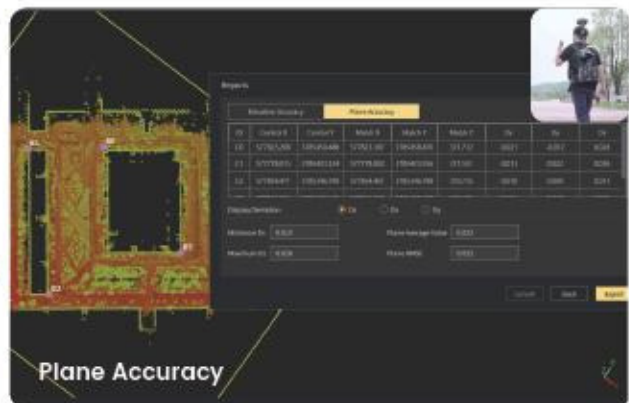


ROBUST ACCURACY

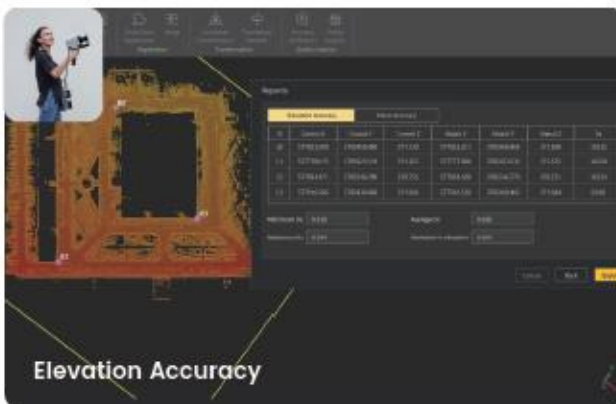
Absolute accuracy can reach an impressive 5cm, even in featureless scenarios.



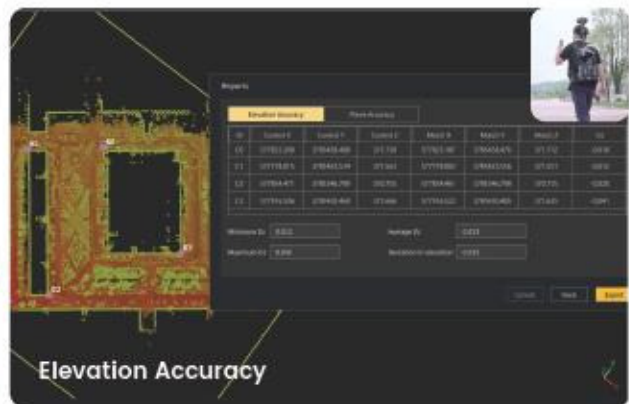
Plane Accuracy



Plane Accuracy



Elevation Accuracy



Elevation Accuracy

QUICK SPECS

FJD Trion VIt RTK Rover

Satellite Constellation	Channels	965
	GPS	L1C/A, L2P, L2C, L5, L1C
	BDS-2	B1I, B2I, B3I, B1C, B2a, B2b
	BDS-3	B1I, B3I, B1C, B2a, B2b
	GLONASS	G1, G2, G3
	Galileo	E1, E5a, E5b, E6
	QZSS	L1C, L2, L5, L1C/A
	SBAS	L1C/A, L5*
	IRNSS	L5*
	L-band*	*needs upgrade firmware to support.
RTK Format	GGA ZDA	FOV 360°
RTK Frequency	1-10 hz	Weight 180 g
Communication	RS232	Dimension 46.0×114.0×33.1 mm

Scanner

Range	120 m
FOV	360° × 270°
Relative Accuracy	2 cm*
Absolute Accuracy	5 cm*
Points Per Second	320,000
IP	IP54

*Measured in experimental environment

Backpack

Dimensions	310 × 240 × 810 mm
Weight	8.2 kg (Including SI and VIt Receiver)

