





DL-TDoA : downlink – time difference of arrival

The Pinpoint network revolutionizes location tracking through its innovative use of DL-TDoA technology, a cutting-edge approach built upon the GPS principle. Unlike traditional systems, Pinpoint calculates your position directly on your device, eliminating the need for a central server. This not only ensures precision in location tracking but also enhances scalability and upholds user privacy.

Product	Features	Amount
SATlet	 Set of ground positioning satellites for up to 450 sqm UWB coverage @ LOS (line of sight) Ultra Wide-band 802.15.4z compliant, OTAU, BLE, 5V DC μ USB power adapter, 3.400 mAh Li-Ion battery, Status LED, IP20, CE, housing 10cm x 10cm x 3cm	6
TRACElet	 Positioning engine for phones and mobile devices	1
CHECKlet	 UWB listening device to assess and evaluate the installation	1
Pixel Phone	 Pinpoint enabled Google Pixel Pro, LOS accuracy 30cm, position rate up to 4 Hz with on-device positioning, secured privacy by downlink TDoA	1
Prototyping License	Pinpoint setup toolkit, demo app and Android SDK for fast planning, installation and app prototyping is limited to the amount of delivered devices	1
Mapping License	Mapping of 600 sqm and access to indoor-navigation for evaluation of micro-location services use cases	1
Prototyping Kit	4900 EUR net (VAT excluded), remote support at cost, shipping within the EU included	1