



L30

Smart GNSS receiver with tilt compensation,
AR stakeout and visual/laser measurement

Visual/Laser - Bring New
Measurement Experience

Infipax

Features

L30 is a professional RTK receiver with 1408 channels supporting BDS, GPS, GLONASS, Galileo, QZSS constellations. Built-in transceiver radio, 4G, Bluetooth, WiFi, NFC communication modules, integrated tilt measurement function. L30 Pro and L30 Ultra are equipped with two cameras. L30 Ultra is equipped with laser module, bring new measurement experience to surveyors!

Tilt Compensation

L30 integrates a high-performance IMU module with an update rate of 200Hz and supports a maximum tilt angle of 120°. Tilt measurement helps to capture points in complex scenarios, such as dangerous roads, targets under vehicles, weak GNSS signal under the eaves, helping to improve work efficiency by 30%.

AR Stakeout

L30 Pro and L30 Ultra are equipped with two cameras for stakeout and support night vision. Side camera is enabled when far from the target, while the bottom camera is enabled when close to the target. The software combines with augmented reality technology to visually display the precise location of the target point, increasing the efficiency of stakeout operation by 30%.

Laser Measurement

L30 Ultra has a built-in laser module that is able to collect coordinates without getting close to the target. Laser measurement makes it easier to measure the targets that have no GNSS signal or are inaccessible.

Radio and 4G Modules

Built-in 2W transceiver radio, support Lora, compatible with a variety of radio protocols, such as Lora, TRIMTALK, TRIMMARK III, South. Built-in global 4G module, the receiver can be configured as a base station or rover with NTRIP protocol.

Version	Tilt	Radio	4G	AR Stakeout	Laser Measurement	Visual Survey
L30	√	√	√	√	×	×
L30 Pro	√	√	√	√	×	√
L30 Ultra	√	√	√	√	√	×