

X5 MOBILE PRO

The ideal GNSS receiver for
GIS and Surveying



Autonomous
Sub-metric



RTK 1-2cm



Record
static data
for PPK



Full compatibility
with Apps, (SW
MAPS, ESRI and
more)

HIGH PRECISION MULTIBAND

A sub-metric GNSS with
centimeter precision data

All constellations:

- GPS/QZSS
- GLONASS
- GALILEO
- BEIDOU

Get precision in seconds even
in difficult scenarios.
Powered by UBLOX

 mettatec



READY FOR PPK

Allows you to correct position data after
collecting it. Just connect to your device
via USB port.



CORRECTIONS IN NTRIP MODE

Connect it to your Android, Windows, iOS* device or to a Powerbank.

 meltatec



Multi-band RTK-NTRIP corrections with fast convergence times and robust performance over the Internet.

RTK MODE WITH LORA RADIO

It can reach transmission distances of up to 10 km.

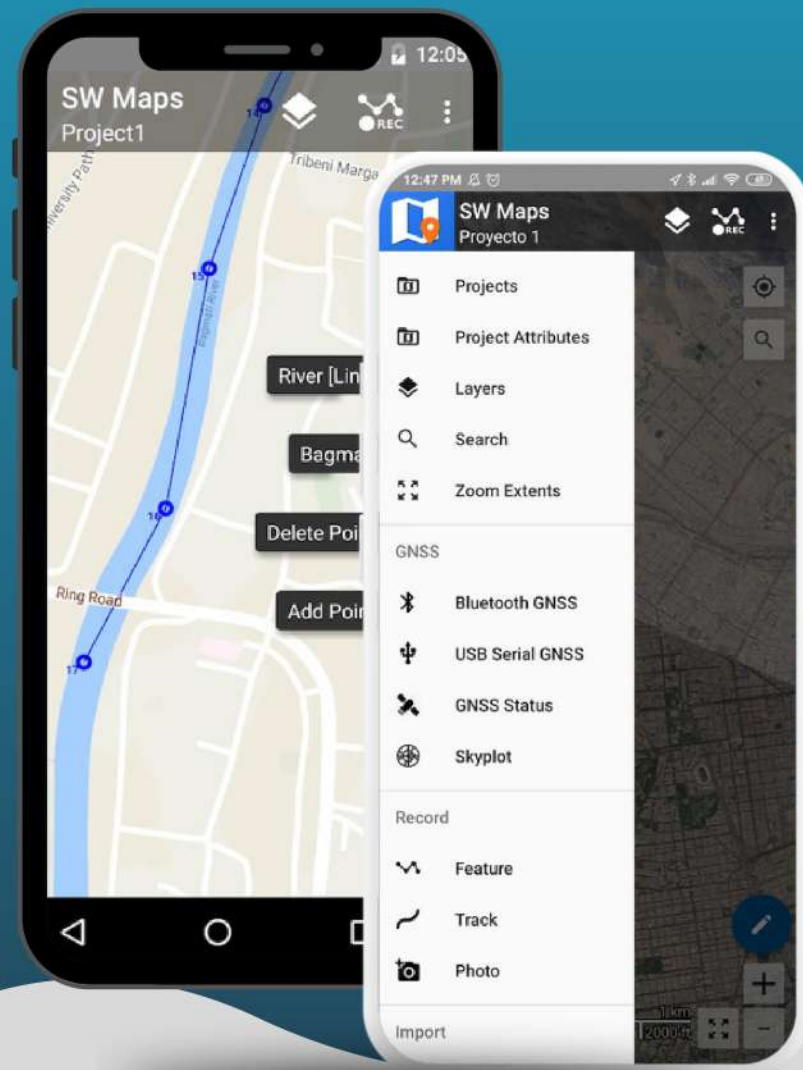
It obtains centimeter precision through corrections sent by Radio (433 and 915 mHz) with LoRa technology.



Compatible with applications for:

GIS, SURVEYING AND PHOTOGRAMMETRY

- SW Maps
- SURPAD 4.2 App
- QGIS (Windows)
- RTK camera
(Photogrammetry)
- and other Apps that work
with NMEA data!



The X5 Mobile & PRO can be integrated with Android devices via Bluetooth wireless connection.

LINKS WITH USB AND BLUETOOTH

Data transfer connection via USB port and Bluetooth for easy integration with multiple devices.



INSTALL IT ON A SURVEYING ROD!

Includes an accessory designed to easily install the X5 Mobile and X5 Mobile PRO on a 5/8" thread.



GNSS Accuracy

Channels	184
Constellations	GPS (L1C/A - L2), GLONASS (L1OF - L2), GALILEO (E1 B/C), BEIDOU (B1I B2I B3I)
RTK (Radio y Ntrip)	H 0.01 - 0.02 m V 0.02 - 0.03 m
PPK	H 0.015 m V 0.02 - 0.03 m
Autonomous	DGNSS 0.4 - 0.5 m (1 σ) Single <1 m (1 σ)
Initialization time	10 seconds

Physicist

Dimensions	85 x 40 x 13 mm (sin antenna)
Weight	80 g
Operating temperature	-40 °C a 80 °C

Energy

Input voltage	4.75 - 5.5 V
Current limit on USB cable	500mA
peak consumption	5V / 250mA
Average consumption	5V / 120mA

Connectivity	
Bluetooth	4.75 - 5.5 V
USB	500mA
peak consumption	5V / 250mA
Average consumption	5V / 120mA
Radio LoRA	
Frequency bands (2 frequencies available)	433 Mhz y 915Mhz
Maximum distance	10 km in clear area and line of sight



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