

# L5 M-TRACK.::



## About L5 M-track

The L5 M-Track is a GNSS receiver for vehicles and construction machinery that provides high precision at low cost. The field of use is wide, with everything from accurate navigation on the construction site to tracking timber to the right compartment at a sawmill.

We offer various forms of comprehensive solutions with adapted GNSS antennas, vehicle computers and software. If you already have a GNSS solution with lower precision that you want to upgrade, L5 M-Track works with most software on the market.



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# SPECIFICATIONS

## GNSS SENSOR

<b>Signals Received:</b>	GPS L1/L2/L5, GLONASS G1/G2, BeiDou B1/B2/B3, SBAS, L-band, and Galileo E1/ E5a and b
<b>GNSS Frequency:</b>	1.165 to 1.278 GHz 1.525 to 1.615 GHz
<b>LNA Gain:</b>	30 dBn
<b>LNA Noise:</b>	2.0 dB, typical

## L-BAND SENSOR

<b>Frequency:</b>	1.525 - 1.585 GHz operation
<b>L-Band LNA Gain:</b>	30 dB

## POWER

<b>Input Voltage:</b>	3.3 to 15 VDC
<b>Input Current:</b>	25 mA, typical

## MECHANICAL

<b>Enclosure:</b>	Aluminum base with Lexan™ plastic cap
<b>Dimensions:</b>	4.7 H x 15.2 D (cm) 1.8 H x 6.0 D (in)
<b>Weight:</b>	0,5 kg (1.1 lbs)
<b>Mount:</b>	5/8 inch female thread
<b>RF Connector:</b>	TNC (straight)

## ENVIRONMENTAL

<b>Storage temperature:</b>	-40° C to +85° C (-40°F to +185°F)
<b>Operating Temperature:</b>	-40° C to +70° C (-40°F to +158°F)
<b>Enclosure Rating:</b>	IP69K
<b>Shock/Vibration:</b>	EP455, MIL-STD-810F
<b>Phase Center Variation:</b>	Less than 2 mm at GPS L1, for elevations above 15 degrees

