



syniotec

syniotec LITE

Specifications

General

Power	8 ~ 32V DC
Internal Battery	NiMH, 3.6V, 200 mAh
Temperature	-20 to +70 [°C] -4 to +158 [°C]
L x W x H	96 mm x 56 mm x 12 mm
Weight	70.5 g

GNSS Specifications

GNSS Type	All-in-One GNSS receiver
Sensitivity	Cold Start: -148 dBm Reacquisition: -155 dBm Tracking: -160 dBm
Position Accuracy (CEP)	Autonomous: < 2m
TTFF (Open Sky)	Cold start: 24s average Hot start: 1s average

LTE Specifications

Operating Band	LTE FDD: B1/B2/B3/B4/B5/B7/ B8/B20/B28
Data Transmission	LTE-FDD: Max 10Mbps (DL)/ Max 5Mbps (UL)

Connectivity

Bluetooth	LTE Cat 1 with 2G fallback
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GSM Specifications

Frequency	850 / 900 / 1800 / 1900 MHz
Data Transmission	EDGE:(DL)236.8Kbps/ (UL)236.8Kbps GPRS:(DL)85.6Kbps/ (UL)85.6Kbps

Interfaces

Motion Sensor	3-axis accelerometer + 3-axis gyroscopes
CEL ANT	Internal
GNSS ANT	Internal
Indicator LED	GNSS/CEL/PWR