



GeoSync

evolute®
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Evolute GPS Receiver is high performance, high accurate GPS receiver. It supports all international standards which include NMEA protocol. Evolute GPS module is high performance dual-band (L1/L5) GNSS/IRNSS positioning module. It supports the global civil navigation systems including GPS, NavIC, BDS, GLONASS, Galileo, and QZSS.

EVOLUTE GPS DEVICE integrates efficient power management architecture, while providing high precision, high sensitivity and low power consumption GNSS solutions which make it suitable for navigation applications on automotive and electronics navigation, as well as fleet Management. It supports different operating systems. Magnetic base, 3M sticker option provides nonslip on bottom when mounted on any surface.

Sub-meter position accuracy; superior in multi-path mitigation and lower noise in city valley
Highly integrated module, the best cost-effective high precision solution.

Application



Location identification for workstation



TECHNICAL SPECIFICATIONS

COMMUNICATION	USB 2.0 Type A male (Optional Micro and Type C)
FREQUENCY	NavIC : L5 1176.45 MHz, GPS : L1, 1575.4200MHz
SUPPORTED BANDS	Concurrent reception of L1 and L5 band signals.
SATELLITE RECEPTION	Accepts the signals of up to 72 satellites at the same time
COMMUNICATION PROTOCOL	Supports NMEA 0183 protocols
BAUD RATE	115200 bps
IP RATING	IP6x protection class
VISUAL INDICATION	LED-indicator for GPS-status
OPERATING TEMPERATURE	-35 °C ~ 80 °C
POWER SUPPLY	5 Volt
CURRENT CONSUMPTION	Max 45 mA
COLD START	30 - 40 Seconds
HOT START	4 Seconds
CABLE LENGTH	3 Meter, 6 Meter
SDK AND APPLICATION	Windows service Application, Java SDK
CERTIFICATIONS	IP, Drop test



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