



SI-TEX GPK-11

SPECIFICATIONS

Overall Dimensions (x height)

97 x 32 mm (flush/pole/rail mounting)

Weight

160 grams (without cable)

Cable

15 meter 8x28AWG

Input Voltage

10-35V DC

Power Consumption

0.8W max

Electrical Interface

TTL voltage levels, RS-232 polarity

Receiving

16 channels parallel (up to 3 for WAAS Satellites);

Method/Frequency

1575.42MHz (L1, C/A code)

Warm start: 33 seconds (typical); Cold Start: 40 seconds (typical)

Time to First Fix (TTFF)

Less than 2.5m CEPI 5.0m SEP2; GPD: (SA=Off, HDOP<4);

Less than 2.0mCEPI 3.0SEP2; DGPS: (SA=OFF, HDOP<4)

Accuracy Position

Dynamics Acceleration

Strong Signals <=4g; Weak Signals typical 1g

Altitude/Velocity

1800 m/1850Km/h (515 m/sec)

DGPS Format

WAAS; EGNOS; MSAS

Output Format/NMEA

NMEA-0193 Baud rate 4800 N81; GGA, RMC, GSA, GSV,

Output Messages

TXT

Geodetic Datum

WGS84

Operating

Temperature/Storage

Temperature

from 0°to +60°C/from -20° to +85°C

Relative Humidity/Water

Resistance

95% non-condensing/IPX7