

Global positioning system GPS



GM44 Series

GM44 GPS Receiver series provides precise positioning service position, velocity, and time information satellite visibility are enhanced through the use of external high gain antennas. Powered by Antaris4 chipset to ensure low consumption and position accuracy.

Suitable to be mounted in mobile and portable solutions.

Key features:

- High accuracy reading
- High performance satellite detection
- Selectable 1 ~ 6Hz update rates
- Fast cold start time of 32s
- Low power consumption
- Impact and corrosion proof
- Wide working temperature range

Specifications:

	GM44
Reception modes	GPS L1C/A, SBAS L1C/A, QZSS L1C/A, GLONASS L1OF, Galileo E1B/C, 72Ch.
Protocol	NMEA, UBX binary
Receiving frequency	1575,42Mhz., C/A code
Standard out. sentences	GSA*5, GSV*5, GGA, RMC, VTG
Output data	Latitude, longitude, height, time
Sensitibility	-150dBm
Update rate	Selectable 1-6 Hz.
Reading accuracy	Autonomous <2,5m. / WASS, EGNOS <2m.
Velocity accuracy	0,1m/sec.
SBAS	Supports WAAS, EGNOS
Communication	RS232
Waterproof	IP67, impact and corrosion proof
Relative humidity	95% not condensing
Working temperature	-32/75°C. (Cold start 32sec., typical 1sec.)
Power demand	5vDC. ,optional 5-38vDC. / 63mA.
Size/weight	5,6x2,8cms. / 87gr.

Tanz Security reserves the right to change products or specifications without notice.