

SECOLO GPS-TRACKER SE27TN8K / SE08TN20K



The smart GPS tracking solution



FM Tec GPS tracker - security and control for your valuable goods

Never lose track! With FM Tec's GPS trackers, you can monitor your vehicles, goods and valuables in real time using our tracking software. Our reliable and precise tracking system ensures that you always know where your assets are.

Your advantages at a glance:

- > **Real-time localisation:** Track the exact position of your vehicles or goods anytime and anywhere. Thanks to modern GPS technology, you receive location data accurate to the minute.
- > **Long battery life:** Our GPS trackers are equipped with powerful batteries that provide a battery life of up to 8 years - ideal for long periods of use without frequent recharging.
- > **Compact design:** The trackers are small, robust and easy to install, so they can be placed unobtrusively in vehicles, containers, skips or goods.
- > **Geo-fencing:** Define individual security zones. As soon as the tracker leaves or enters this zone, you will be notified immediately by text message or e-mail.
- > **Data protection and security:** We attach great importance to the protection of your data. All tracking information is transmitted in encrypted form and stored securely.

- > **Wide range of applications:** Whether for vehicle fleets, containers, machinery or personal valuables - our GPS trackers are versatile and ensure seamless monitoring.

Applications

- > **Vehicle tracking:** Control your fleet efficiently, reduce downtimes and optimise your route planning.
- > **Theft protection:** Protect your valuable machines and vehicles from theft and quickly receive the exact coordinates in the event of an emergency.
- > **Logistics and transport:** Keep an eye on your deliveries at all times and ensure maximum transparency along the entire supply chain.

FM Tec - innovation and safety from a single source

Rely on our many years of experience and state-of-the-art technology to keep your goods and vehicles safely in view at all times.

Contact us now for a personal consultation and find out more about our GPS tracking solutions!

SECOLO GPS-TRACKER

SE27TN8K / SE08TN20K

STAY INFORMED
with our Newsletter.

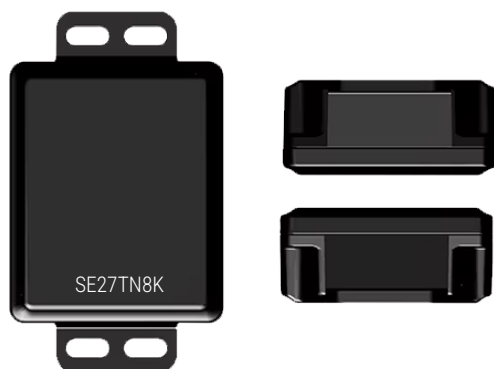


Highlights

- > Strong magnetic and screw mount - easy for installation
- > Built in G-sensor
- > Temperature monitor
- > Long battery life
- > Support tamper proof alarm
- > Multiple position mode: GPS, Wifi,AGPS, LBS
- > Jamming detection
- > IP67 waterproof

Functions

- > Position and monitor
- > GPS/Wifi/LBS
- > Temperature monitor
- > AGPS Positioning
- > Motion alarm
- > Collision alarm
- > Removal alarm
- > History data storage



FMtec - Future Management Technologies
+43 5552 67735-0 | info@fmtec.eu | www.fmtec.eu

FMtec
Software Electronics

SECOLO GPS-TRACKER

SE27TN8K / SE08TN20K

STAY INFORMED
with our Newsletter.



Technical Data

	SE27TN8K	SE08TN20K
		
Article number	10001576	10001577
Design		
Dimensions (LxWxH)	116 x 69 x 33 mm	154 x 82 x 30 mm
Weight	250 g	490 g
Cellular		
Communication module	Quectel BG95	
Frequency	GPRS: 850/900/1800/1900MHz FDD- Lte: B1/ B2/ B3/ B4/ B5/ B8/ B12/ B13/ B14/ B18/B19/ B20/ B25/ B26/B27/ B28/B31/B66/B71/B72/B73/B85 TDD- Lte: B39 (For CatM1 only)	
Protocol:	Embedded TCP/IP stack	
Sensitivity	-107 dBm @ 850 / 900 MHz -106 dBm @ 1800 / 1900 MHz	
Output power	Class 4 (2W) @ 850/900 MHz Class 1 (1W) @ 1800/1900 MHz	
GPRS data	GPRS Class 10, Mobile Station Class B	
GPS		
GPS-Module	50 Channels / Sensitivity: -147dBm / Position accuracy: 5 -10 m / Accuracy: 5 m CEP / Cold start: <27s / Hot start: <1s	
Processor	STM32G070CB	ST
Motion sensor	DA260	
WIFI position	Wifi 4.0	
Bluetooth	-	Bluetooth 5.0
Power		
Battery	Disposable Lithium-ion battery and (3.6V) 8100mAh and ultra-low discharge rate (less than 1%, store one year below 25°C)	
Power consumption	Average working current <100mA Power save current <15 mA	Average working current <100mA; Power save current 7uA;
GSM-antenna	Internal High Gain	
GPS-antenna	Internal High Gain	
SIM	MicroSim	
Indicator	2 status LEDs: Green: GPS / Red: Cellular	3 status LEDs, Green: GPS, Battery level: Blue: Red: Cellular
Environmental Parameter		
Working Temperature	-20 to approx. +70°C	-30 to approx. +80°C
Humidity	5% ~ 95% (no fog)	
Ingress Protection Rating	IP67	

CE FC IC



FMtec - Future Management Technologies
+43 5552 67735-0 | info@fmtec.eu | www.fmtec.eu

FMtec
Software Electronics