



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



FOX3-3G

most developed and advanced tracking and data logging system with all options in one product

PRODUCT OVERVIEW

FOX3-3G is a compact, all-in-one device combining 2G/UMTS/HSPA high-speed data communication with the latest GNSS technology to completely satisfy customer's need. Depending on the requirements of the respective customer, the needed hardware options can be decided shortly before installation. FOX3-3G is designed to operate with internal or external antennas. The built-in internal antennas can be turned off while external antennas are in use. Based on its features, this device will dramatically simplify your logistics as well as the installation process and the post-installation support. Newly developed FALCOM „PREMIUM-Features“ show the way to the future of mobile data logging, storing, processing and sending.

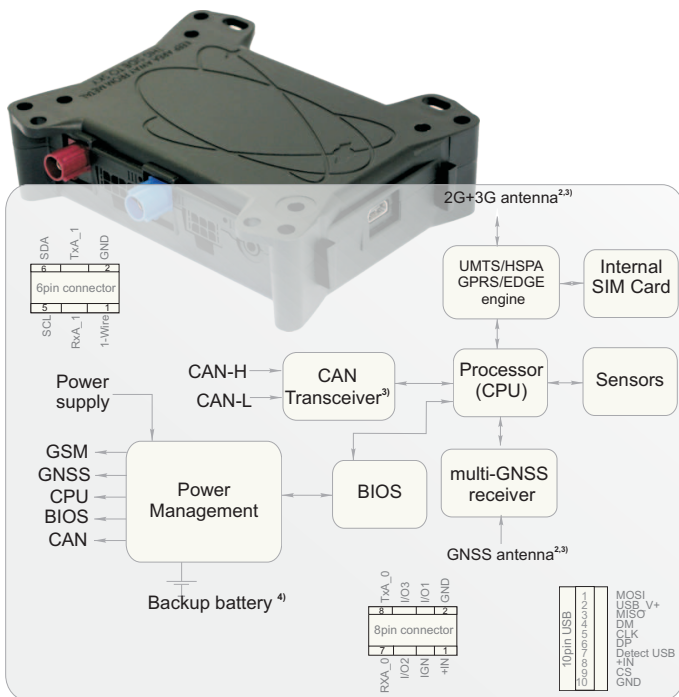
FOX3-3G is a configurable smart tracking / data logging device which can be fully adapted to user requirements.

There are two models of FOX3-3G available: **FOX3-3G** without audio interface and **FOX3-3G-AUDIO** with audio interface.

FOX3-3G offers new features like: DATA ENCRYPTION, several HISTORY MODES or ECO-DRIVE/BEHAVIOUR LOGGING beside standard items like status reports, alerts messaging, audio call, spy calls or geofencing.



FOX3-3G BLOCK DIAGRAM



PRODUCT HIGHLIGHTS

- State-of-the-art 3G/2G and GNSS technology
- 3-axis acceleration, internal temperature sensors
- Gyro / Magnetic sensors (external only)
- Drop-in replacement of previous FOX-generation
- Sensor interface via RS-232 / RS-485 / 1-Wire / I²C / CAN
- FALCOM PFAL programming language
- Passive / active RFID connectivity via RS-232
- Customizable firmware configuration
- Multi-function I/Os
- Optional battery back-up⁴⁾
- Display connectivity (JAZZ2)
- Audio interface (SPK+MIC)⁵⁾
- Data-Logger functionality
- CAN/FMS interface³⁾, CAN-OBDDII (On-Board Diagnostics)³⁾
- Hardware expandable via IOBOX-MINI⁴⁾ and IOBOX-CAN⁴⁾
- Internal 2G+3G/GNSS antennas and external antenna ports³⁾
- Communication via USB 2.0 interface
- Support connection with Garmin devices
- CE pending

¹⁾ Optional
²⁾ Internal/External 2G+3G/GNSS antennas
³⁾ Activation with PFAL-Command
⁴⁾ Accessory
⁵⁾ FOX3-3G-AUDIO only.

TECHNICAL SPECIFICATION

General		Physical characteristics						
G (UMTS/HSPA) and 2G (GSM/GPRS/EDGE) engine:		Dimensions (LxWxH): 105 mm x 83 mm x 28 mm						
- 3G bands: 900/2100 MHz for Europe 850/1900 MHz for America		Weight: approx. 130 g						
- 2G bands: 850/900/1800/1900 MHz		Air humidity						
Internet (TCP/UDP/HTTP/SMTP)		5% up to 95% non-condensing						
Multi channel GNSS (GPS+Galileo/GLONASS [®]) receiver		Interfaces						
- GPS (online / offline / autonomous)		3 x Digital/analog IO ports (programmable)						
- Protocols: NMEA, FALCOM (binary)		1 x Predefined digital input (Ignition)						
- Accuracy:		3 x LED indicators (programmable)						
	<table border="1"><thead><tr><th></th><th>GPS</th><th>GLONASS</th></tr></thead><tbody><tr><td>Position</td><td>2.5 m</td><td>4.0 m</td></tr></tbody></table>		GPS	GLONASS	Position	2.5 m	4.0 m	2 x RS-232 Ports (1xV.24 level; 1xRS-232/RS-485 [®])
	GPS	GLONASS						
Position	2.5 m	4.0 m						
		1 x CAN BUS (12V / 5V / GND)						

