

STM6000 Series Digital Trunking Mobile



- TETRA / TEDS
- VHF, UHF*
- Power output 5W / 10W
- Standard embedded Micro SD card for voice recording and encryption
- GPS, Bluetooth
- Integral radio / Split radio designs
- Friendly open API for third party development
- Full range of accessories for easy installation and utilization



VHF TEDS Mobile



Integral radio



Split radio



CE FCC RoHS MIL-STD SRRC

Shenzhen Samhoo Sci & Tech Co., Ltd. (**Stock code: 834963**) is a worldwide professional wireless digital trunking terminals developer and manufacturer. The team with more than ten years' experience in this field has devoted its effort to develop DMR, PDT, and TETRA radio products for public safety, transportation, public utilities, enterprises and other commercial sectors. Samhoo understands the needs of reliable and trustable emergency communication of Mission Critical and Business Critical and endeavors to provide our clients with the most reliable professional wireless communication equipment with continuous innovation spirit.

General Specifications

Communication protocol standards	TETRA ETSI TS 300 392, 394, 396
	TEDS ETSI TS *** **
Dimensions	60*168*175mm (H*W*D)
Weight	1.8kg
Operating Voltage	13.6V ± 15%
Talk Groups-TMO	2048
Talk Groups-DMO	1024
Phonebook	512
Scan Lists	20 (20 groups in each list)
LCD Display	2.2 in ches transfective / transmissive TET LCD display, resolution: 320*240

RF Specifications

Frequency Range	137-174MHz
RF Channel Spacing	25KHz; 50KHz*; 100KHz*; 150KHz*
RF Power Output	5W / 10W
Receiver Class	ETSI EN 392-2 / 396-2 ClassA
RX Static Sensitivity	-112dBm (typical -116 dBm)
RX Dynamic Sensitivity	-103dBm (typical -105 dBm)

Environment Index

Operation temperature		-30℃~+60℃
Storage temperature		-40℃~+85℃
ESD		IEC 61000-4-2 (level 4) ± 8KV (contact) ; ± 15KV (air)
Water & dust proof	Integral type	IP54
	Split type	Control head IP67, main unit IP54
Humidity		ETS 300 019 (95%)
Shock& vibration		MIL-STD-810 F

GPS

The accuracy standard is applicable for long time tracking. (95% value > under rated -130dBm signal strength, there are 5 visible satellites)

GPS Antenna	High sensitivity omni-directional receiving antenna
Sensitivity	≤-154dBm
Accuracy	≤10 meters
TTFF cold start	< 1 min
TTFF hot start	< 10 sec

Remark: The above specifications comply with standard tests accordingly, and due to continuous technical development, they are subject to changes without prior notice.

Accessories:



Power supply cable



Non-numeric hand microphone



Bracket



STM6000 F fix station (optional)



Power supply (optional)



Beidou/GPS antenna (optional)



Programming cable (optional)



Programming connecting line (optional)



Numeric hand microphone(optional)



Bluetooth (optional)

ISO9001:2008 & ISO14001:2004

