



# SGS10-POC



Smart Mobile Radio with GPS



# SGS10-POC

## Specifications

### General

(U)SIM/SIMU	Standard SIM card interface 3V SIM card and 1.8V SIM card
Operating Temperature	-30°C to +75°C
UMTS Band	HSDPA/WCDMA: 2100/1900/850(900)MHz
Average current	About 540mA@UMTS 2100 About 239mA@GSM 900
Operation current	About 0.6A
Working voltage	DC 3.3V-4.2V (3.8V is recommended)
Standby current	About 5mA@UMTS About 5mA@GSM
Dimensions	102mm*58mm*34mm
Weight	About 194g

### TRANSMIT PART

RF power	Public network mode:About 2.2uw; Analog mode:2W.
Transceiver power	UMTS2100/1900/900/850:Power Class 3 (+24dBm +2.5/-1.5dBm) EDGE 850MHz/900MHz: Power Class E2 (+27dBm +4.5/-1.5dBm) EDGE 1800MHz/1900MHz: Power Class E2 (+26dBm +4.5/-2.5dBm)
UART Interface	8-wires UART
Spurious Emission	≤ 5%
Rated Audio Distortion	≤ 5%

### Receiver

Receiving Sensitivity	WCDMA2100: ≤-108dBm WCDMA1900: ≤-109dBm WCDMA900 : ≤-109dBm WCDMA850:≤-109 dBm
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**4G cellphone VHF UHF dual mode radio**



### Accessory List

#### Standard Accessories:

Hand Set, Battery,  
Adapter,Charger Tray,  
Belt Clip, Hand Strap,  
User's Marker

#### Optional Accessories:

Hand Free Kit,  
Leather Carry Case,  
Programming Kit



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