

Operation Description

6.1 General:

GSM Frequency: 850/900/1800/1900

GSM 850 Transmission: 824-849MHz
 Reception: 869-894MHz

GSM 900 Transmission: 880-915MHz
 Reception: 925-960MHz

GSM1800 Transmission: 1710-1785MHz
 Reception: 1805-1880MHz

GSM1900 Transmission: 1850-1970MHz
 Reception: 1930-1990MHz

Carrier Spacing: >200 KHz

Transmitting power: $\leq 30/33\text{dBm}+2\text{dB}$

Maximum Frequency Deviation: $\pm 0.1\text{ ppm}$

Receiving Sensitivity: $< -102\text{ dBm}$

Modulation type: GMSK

SIM Card: Mini-SIM Card

Dimensions: 182.56*135*42.29 MM

Weight: 1Kgs

Work Voltage: AC220V $\pm 15\%$ DC 6.5V $\pm 0.5\text{V}$

Working Temperature Range: 0°C $\sim +40^\circ\text{C}$

Humidity Range: $\leq 5\%$ --95%

6.2 Antenna:

Frequency Bandwidth: 890-960MHz 70MHz; 1710-1880MHz 170MHz

Voltage Standing Wave Ratio: ≤ 1.5

Gain: 5 dB

Input Resistance: 50 Ω

Polarization Mode: Vertical Polarization

6.3 RJ11 Telephone Interface:

Dialing Tone Frequency: 450 Hz $\pm 15\text{Hz}$

Ring Current Frequency: 25 Hz $\pm 3\text{Hz}$

Ring Current Voltage: 60V $\pm 20\text{V}$

Feeding Voltage: 26V $\pm 2\text{V}$

6.4 Power Supply:

Power Supply: AC220V $\pm 15\%$

DC Voltage: 6.5V/DC

Current Rating: 700mA

Standby Current: 50mA

Working current: 350mA

Battery back-up: standby time: 24 hours; talk time: 4 hours (Concrete time depends on local GSM network)