

# SFCE 4G Wireless Router

## Model 4GWiFi-11

A complete wireless communications solution including 3G, Wi-Fi and Ethernet



Safe, stable, and simple Plug & Play operation

2 Ethernet ports

### INDUSTRIAL DESIGN

High performance industrial grade wireless module  
High performance industrial grade 32 bit processor  
Supports low power consumption mode  
Plate metal CRS shell with excellent heat dissipation

### VARIOUS NETWORK FUNCTIONS

Port flow detection  
Link real time monitoring  
Various VPN protocols e.g. PPTP, L2TP, IPSec, VPN  
Supports serial port DTU function  
Supports UPnP  
Support dial as required (audio, SMS, or data trigger)  
Backup mode from cellular to WAN or vice versa

### MULTIPLE INTERFACES

1 Ethernet interface (RJ45, self-adaption MDI/MDIX, built-in electromagnetism insulation blocking  
SIM/UIIM 1.8V/3V auto detection  
1 WAN interface, self-adaption MDI/MDIX, built-in electromagnetism insulation blocking

### REMOTE OPERATION\*

Remote parameter configuration  
Remote parameter backups  
Remote restart and log query  
Remote equipment upgrade  
M2M equipment online monitoring

### EXCELLENT STABILITY AND SAFETY

Soft hardware watchdog and multi-level link detection, with capability of fault automatic diagnosis and automatic recovery, ensuring stable and safe operation  
ESD protection for each port to prevent static shock  
Built-in overvoltage protection  
ICMP error check and automatic reboot action

\*Remote operation is limited on M2M and complete access through VPN

SFCE | Suite 1203, Level 12, Tower 2, 475 Victoria Avenue | Chatswood 2067, NSW | Australia |  
Phone (02) 8188 2450, Fax (02) 8188 2440 | Email [services@suntech-power.com.au](mailto:services@suntech-power.com.au)

## TECHNICAL DATA

### 4G

Frequency Range	800/900/1800/2100/2600 MHz
Theory Bandwidth	LTE: 100 Mbps (DL) / HSPA+: 21.6 Mbps (DL) / HSPA: 14.4 Mbps / HSUPA: 5.76 Mbps / HSDPA: 21 Mbps (UL) / UMTS: 384 Kbps (DL/UL)
Transmission Power	23 dBm $\pm$ -2 dB @ 25°C
Reception Sensitivity	-97 dBm @ 10 MHz QPSK

### WIFI

Standard and Bandwidth	150Mbps support IEEE802.11b/g/n, Max speed 150Mbps
Wireless Security	Support WEP,WAP,WPA2
Transmission Power	23 dBm $\pm$ -2 dB @ 25°C
Reception Sensitivity	-97 dBm @ 10 MHz QPSK

### Environmental

IP rating	IP30
Operating Temperature	-30 to 75 °C
Relative Humidity	0-95% (Non-Condensing)

### Power

Operating Voltage	DC 5-28 V
Current	1 A (12 V DC), 2 A (5 V DC)

\*Standard power source: DC 12V/1A

### Physical

Weight	450 g
Dimensions	102.6 x 73.5 x 24.6 mm
Housing	Galvanised iron sheet

### Interface Type

LAN	2 x RJ45 10/100 Mbps ports
LED Indicators	WLAN, WAN, LAN, NET
Antenna	2 x SMA-K antenna interface, 50 $\Omega$ impedance
SIM/UIM	1.8 V / 3 V

SCALE DRAWING

