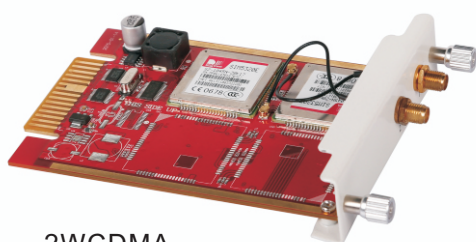


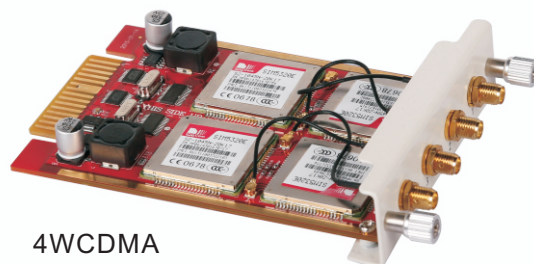


# WCDMA Module Datasheet

Applicable for Coovox-U50/100 V1, U50/U100V2,U80



2WCDMA



4WCDMA

Designed with SIM5320 series module for global market, SIM5320 is Dual-Band WCDMA and Quad-band GSM engine that works on frequencies UMTS 850MHz, UMTS 900MHz, UMTS 1900MHz, UMTS 2100MHz, GSM 850MHz, EGSM 900MHz, DCS 1800MHz and PCS 1900MHz.

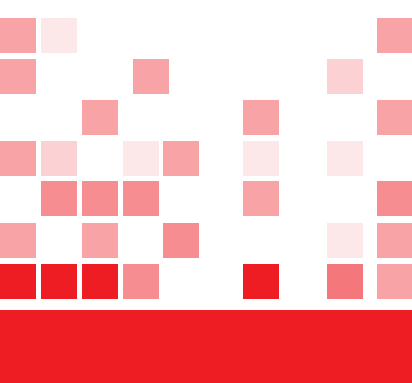
**NOTICE:**

The WCDMA module applies to Coovox-U50/U100 V1 and U50V2/U100V2/U80; When using it on Coovox V1, the system MUST be above V1.1.1, other versions under V1.1.1 cannot be available.



**SIM5320 Key Features**

Feature	Implementation
Power supply	Single supply voltage 3.4V-4.2V
Power saving	Typical power consumption is SLEEP mode which is less than 5mA
Frequency Bands	Quad-band: GSM850, EGSM 900, DCS 1800, PCS 1900. SIM5320A: Dual-Band UMTS 850/1900MHz SIM5320E: Dual-Band UMTS 900/2100MHz SIM5320J: Dual-Band UMTS 850(800)/2100MHz
Transmitting power	UMTS 850/1900: 0.25W UMTS 900/2100: 0.25W GSM 850/GSM 900: 2W DCS 1800/PCS 1900: 1W
Temperature range	Normal operation: -30°C --- +80°C



### WCDMA Module Specification

Model No.	2WCDMA	4WCDMA
Number of channels per module	2	4
External antennas	2	4
SIM Cards	2 total 2 internally assembled	4 total 4 internally assembled
External power supply required	No	No
Interoperable modules	4FXO 4FXS 2FXOS 2/4 GSM 4BRI 1E1/T1(PRI)	4FXO 4FXS 2FXOS 2/4 GSM 4BRI 1E1/T1(PRI)
Supported protocols	Voice (2G/3G)	Voice (2G/3G)
Accessibility	Through Asterisk 1.8x	Through Asterisk 1.8x

2/4 WCDMA module supports WCDMA connection for CooVox IP Phone System.

Each port has one LED(Light-Emitting Diodes), which is assembled on the mainboard.

The LED indicates port status:

> Solid Red= Module loading successfully

> Blink Red= Channel Ringing

If the LED is off, the WCDMA module fails loading.

### Environmental Operation Information

Temperature: 0-40 °C

Humidity: up to 95%, non-condensing

### Physical Dimensions

2/4 WCDMA 90×132 mm

### Certifications

CE/FCC/RoHS