



**GPRS-2G-A/A1**

1
2

1
2
5


--

GPRS-2G-

A

DC-

DC

DC10V DC24V

GPRS-2G-A/A1	GPRS/GPS	GPRS (General
Packet Radio		
Service)		
SMS Short Messaging		
Service		
		GPS Global
Positioning		
System	GSM GPS	

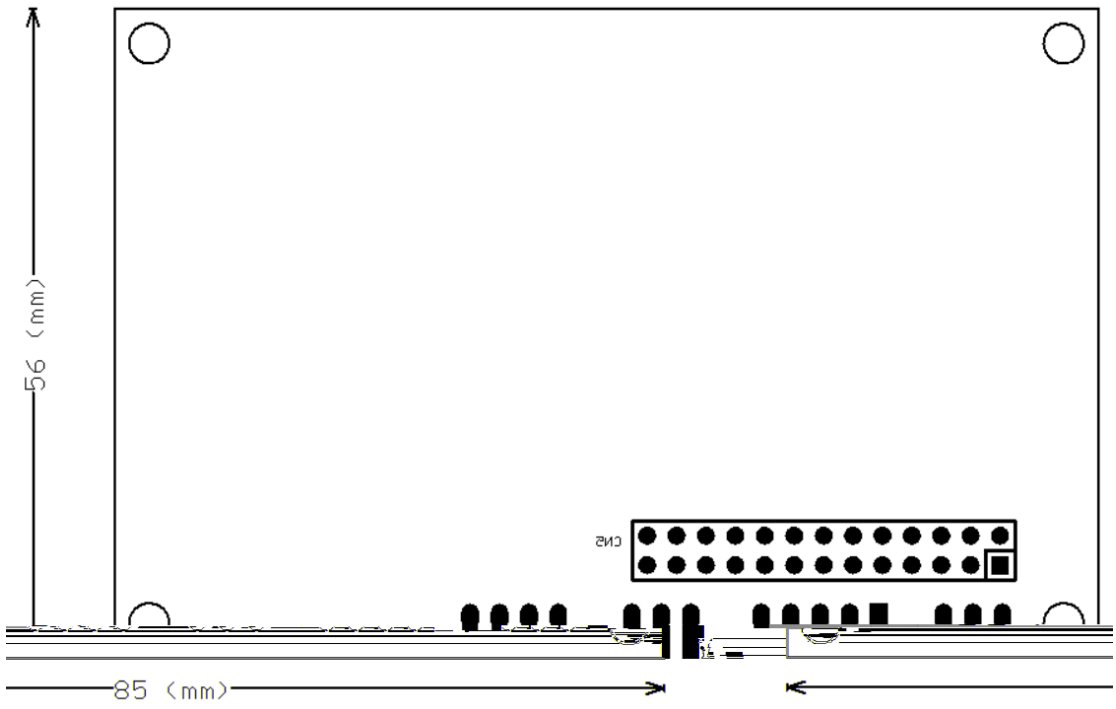
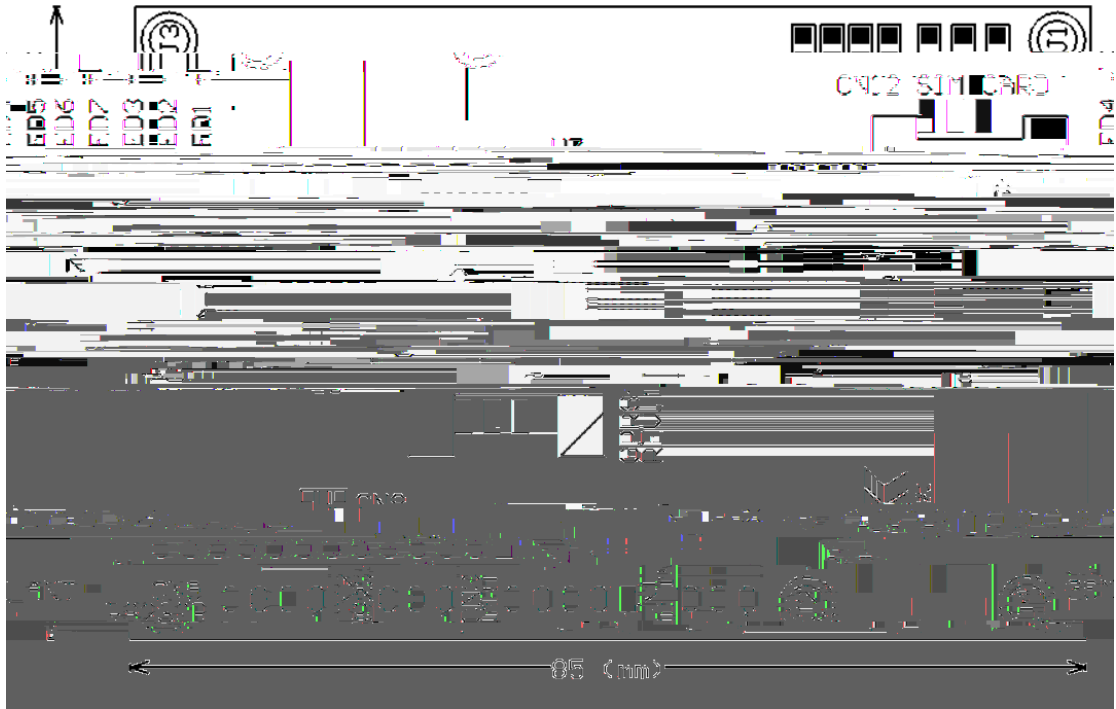
- 
- LED
- GPRS SMS GPS BDS
- RS232
- UART
- 



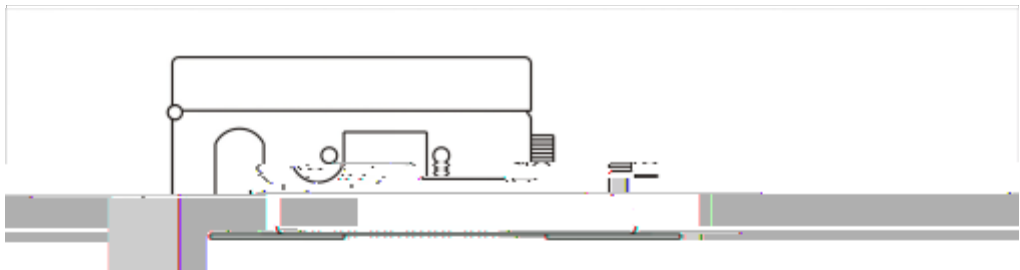
GPRS-2G-A		
GPRS-2G-A1		

W*H*D	GPRS-2G-A1 85 x 56 x 18.5mm 85 x 56 x 35mm GPRS-2G-A 110 x 110 x 41.5mm
	0°C ~ +40°C 10% ~ 90%
	-30°C ~ +60°C 10% ~ 90%
	7 LED
	GSM 2G GSM 850/900/1800/1900MHz
	GPRS SMS
	GPS BDS
	DC10V DC24V
	1 UART(A1 ) 1 RS232(A )

#### 4.1 A1



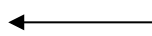
4.2 A





RS232

GSM →



GPS

4.3

4.3.1

DC10V DC24V

DC

A1

CN1

1	DC+	
2	PWRKEY	
3	DC-	

A

1	DC+	
2	DC-	

#### 4.3.2 UART

4.3.4

CN7,CN8

CN7	GSM	-
CN8	GPS	-

4.3.5

1

CN5

1 2	DC+	-
3 4	PWRKEY	-
5 6	DC-	-
9 10	BUSY	-
11 12	UART TXD	-
13 14	UART RXD	-
7 8 18	GND	-
15 16 17	VC+	-
19 20	RS232 TXD	-
21 22	RS232 RXD	-
23 24	RS232 COM	-
25 26		-

5.1

5.1.1

LED1



5.1.2

LED2

64ms /800ms	
64ms /3000ms	
64ms /300ms	GPRS

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5.1.3 LED3


5.1.4 LED4

1s /1s	
0.2s /0.2s	/

5.1.5 LED5


5.1.6 GPRS LED6

	GPRS
	GPRS

5.1.7 LED7

	SIM
	SIM
0.5s /0.5s	

5.2 SIM

5.2.1

5.2.2 SIM

5.2.3 SIM SIM

5.2.4

## 5.3

### 5.3.1 PWRKEY

### 5.3.2 BUSY

## 5.4

### 5.4.1



### 5.4.2



9600 bps

1 8 1

2 Byte 4 Byte

( & )

0	1	2		4 5	6 - n-3	n-2	n-1
1byte	1byte	1byte	3	2byte		1byte	1byte
0xB6( )	len	0x50	0x0A			xor	0xDF

0xA5( )	len	0x20	0x02			xor	0xEF
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16 0xA5 16 0x

B6

— 16 0x02  
 — 16 0x0a  
 — GPRS 0x0901  
 GPRS 0x8901  
 GPRS 0x0902  
 GPRS 0x8902  
 GPRS 0x0905  
 GPRS IMEI 0x0906  
 GPRS GPS 0x0907  
 GPRS 0x0908  
 GPRS 0x8908  
 GPRS 0x8910  
 GPRS 0x0201  
 GPRS , IMEI SIM

0x0202

—

16 0xEF 16 0x

DF

0	1-16	17 - n
1byte	16byte	

(TP-DCS) 00 7-

bit 08 UCS2 04 8-bit

('0') <=15

15 "10086" "8613512345678"

Unicode Unicode

( ) Unicode \u9501\u0020\u673a 3 short

{0x9501,0x0020,0x673a}

(GPRS & )

0	1	2	IMEI 3 - 17	18 19	20 - n- 3	n-2	n-1
1byte	1byte	1byte	15byte	2byte		1byte	1byte

(GPRS )

0	1	2	IMEI 3 - 17	GPS 18 - 57	58 59	60 - n-3	n-2	n-1
1byte	1byte	1byte	15byte	40byte	2byte		1byte	1byte

GPRS 16 0xA6 16

0XB7

— 0x01 0x02

0x12

—IMEI

ASCII

—GPS

GPGGA

GPRMC

—

GPRS

0x0900

GPRS

0x0901

GPRS

0x8901

GPRS

0x0902

GPRS

0x8902

GPRS

0x0905

GPRS

IMEI

0x0906 GPRS

GPRS

GPS

0x0907 GPRS

GPRS

0x0908

GPRS

0x8908

GPRS

0x8910

GPRS

0xA8B8 RS232

—

88

+ IMEI+ GPS

GPRS

16

0xE0

16

0xF1

1	GPRS-2G-A/A1	1	
2	GPRS-2G-A/A1	1	
3		1	
4	SIM908GPRS CC-SAK-IPX-150	2	A
5	GPRS CC-CZB/900-1800	1	
6	GPS CC-GPS-SAI-3M	1	

7			
8			
9			
10			
11			

IS09001



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