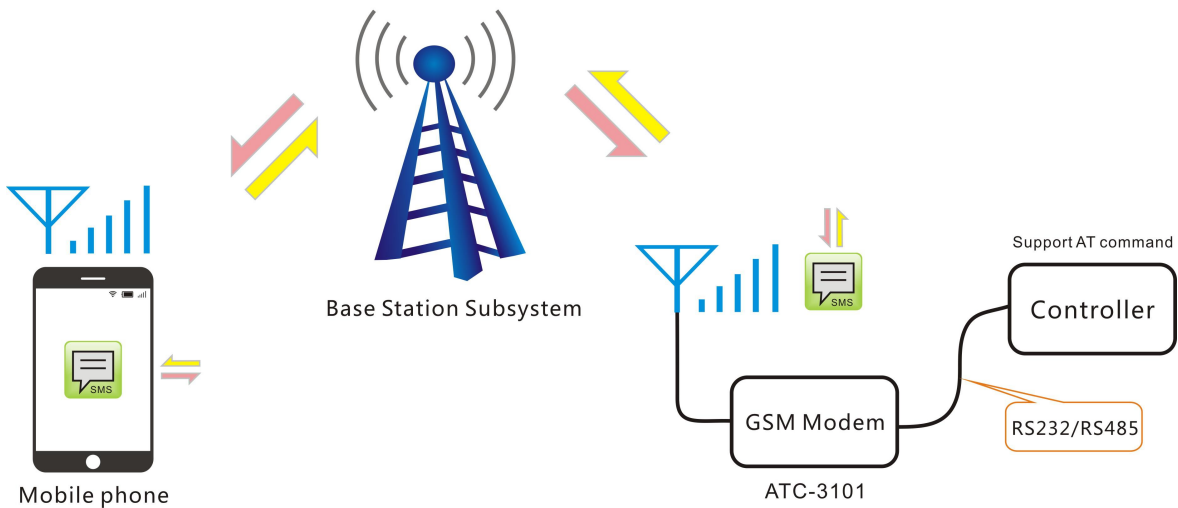


Product Features

- Industrial high speed ARM process.
- Frequency Range: GSM 850/900/1800/1900MHz.
- Baud rate Range: 1200 to 115200bps, UART support RS232/RS485.
- Built-in watchdog.
- Remote dormancy and awakening by phone message.
- Configure the GSM Modem by serial port.
- Control via AT commands.



ATC-3101 GSM Modem Application Diagram

Pin Assignment

RS-232 define on DB9-M

2	3	5
TXD	RXD	GND

RS-232/485 Define on 6-bit terminal block

Serial Type	1	2	3	4	5	6
RS-232	-	-	TD	RD	VIN	GND
RS-485	485+	485-	-	-	VIN	GND

Order Information

ATC - 3101 GSM Industrial Modem RS-232/485

Package Checklist

- ATC-3101 serial server 1 PCS
- Documentation and software CD 1PCS
- Power adapter 9V 1 PCS
- One meter sucker antenna 1PCS

Specifications

Serial Interface		
Interface Type	RS-232/485 (optional)	
Data Rate	1200bps~115200bps	
Data Length	7,8 bits	
Parity	Odd, Even, None	
Stop Bits	1, 2 bits	
Connector	DB9 Male (RS-232)/6-bit terminal block	
GSM Interface		
Frequency	GSM 850/900/1800/1900MHz	
Output power	Class4(2W@850/900MHz)	
	Class1(1W@1800/1900MHz)	
SIM card	Standard 3.3V/1.8V user card interface	
Control via	AT commands	
Work current	Standby:<30mA@5VDC	
	Transmission:<200mA@5VDC	
	Emission peak value:1.5A@5VDC	
OS support	Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/XP x64/2003 x64/WIN7 x64/WIN8 x64、 Linux real、 TTY、 UNIX	
Specifications for SMS via GSM	Point to point MO and MT SMS cell broadcast Text and PDU mode	
LED Indicators	Net	GSM Link Indicator
	TXD	Date Transmitting to GSM
	RXD	Date Receiving from GMS
	PWR	Power indicator
Power Supply	9~24VDC@1A	
Physical Characteristics		
Installation	DIN-Rail Mounting	
Housing	Iron (1mm)	
Weight	0.5Kg	
Dimensions	100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)	
Environmental Limits		
Operating Temperature	-35 ~ 70°C	
Storage Temperature	-45 ~ 125°C	
Ambient Relative Humidity	5% to 95%(non-condensing)	
Standards and Certifications		
RoHS, CE, FCC		

Contact us

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