

# M6 GSM/GPRS Modem



The M6 series GSM Modem is the Plug & Play solution from Gainwise for quick and easy integration. The wide performance range and robust case of the M6 series enables you to quickly develop new telemetry and telematics applications. It offers additional features, such as SIM application toolkit and extended AT Commands for the industrial environment. M6 series is the ideal solution for voice, data, SMS and fax communication, thanks to its industrial standard interfaces and integrated SIM card reader.

## Features

Frequency bands: GSM900,GSM1800,

GSM900,GSM1800,GSM1900,

GSM850,GSM1800,GSM1900,

Compliant to GSM phase 2/2+

Transmit power : Class 4 (2W) at GSM900 and GSM850,  
Class 1 (1W) at GSM1800 AND GSM1900

Control via AT commands

SIM Application toolkit

Multiplex RS232 interface or USB interface

Supply voltage 5V

Dimensions 122 x54 x 25mm

Weight 130g

Ambient temperature -20°C to +55°C

## Data transfer

CSD up to 14.4 kbps, USSD, Non transparent mode, V.110

Supports different character framing modes e.g. 8N1, 7E1

**Fax:** Group 3, Class 1, 2

## SMS

Point-to-point MO and MT

SMS cell broadcast

Text and PDU mode

## Audio

Half Rate (HR)

Full Rate (FR)

Enhanced Full Rate (EFR)

## Interfaces

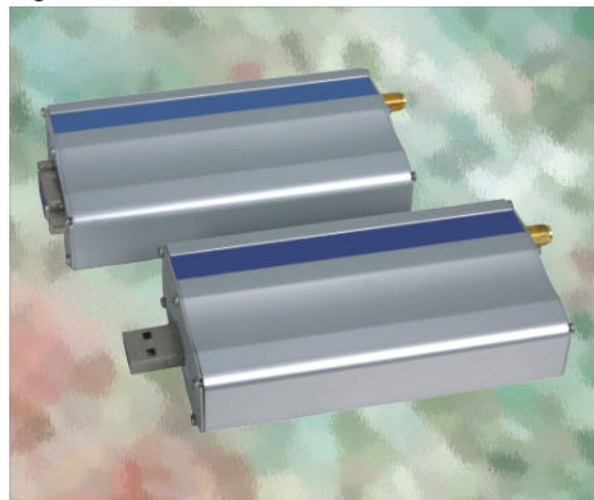
Plug in power supply

Mini-SIM card reader

Antenna connector SMA(male)

V.24/V.28 interface on the 9-terminal sub-D socket or USB interface

Operating status LED



Model	Frequency Band	GPRS Connectivity	Interface
M61S	GSM900/1800MHz	No GPRS	RS232
M61U	GSM900/1800MHz	No GPRS	USB
M63S	GSM900/1800MHz	Multi-Slot Class 10 Mobile Station Class B	RS232
M63U	GSM900/1800MHz	Multi-Slot Class 10 Mobile Station Class B	USB
M65S	GSM900/1800/1900MHz	Multi-Slot Class 10 Mobile Station Class B	RS232
M65U	GSM900/1800/1900MHz	Multi-Slot Class 10 Mobile Station Class B	USB
M66S	GSM850/1800/1900MHz	Multi-Slot Class 10 Mobile Station Class B	RS232
M66U	GSM850/1800/1900MHz	Multi-Slot Class 10 Mobile Station Class B	USB

# FIXED WIRELESS PHONE



**PSG01:GSM FWP**



**PJC01: CDMA FWP**



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