

■ Product Introduction



The M3 Series is a complete 3G/3.5G enabled wireless USB data modem providing global EVDO/HSPA network connectivity, where available, with CDMA/EDGE/GSM/GPRS fallback capability for ensured access to the internet anywhere.

M3 Series is an easy to install productivity tool designed to provide maximum accessibility to the mobile professional allowing quick access to the internet for real-time business transactions, email, web browsing and more.

The M3 Series enables internet connection speeds of up to 7.2 Mbps ,when3G service is not available. fallbacks are also supported in 2G/2.5G network.

■ Application

- ◇ Remote Data Monitor and Control
- ◇ Water, gas and oil flow metering
- ◇ AMR (automatic meter reading)
- ◇ Power station monitoring and control
- ◇ Remote POS (point of sale) terminals
- ◇ Traffic signals monitor and control
- ◇ Fleet management
- ◇ Power distribution network supervision
- ◇ Central heating system supervision
- ◇ Weather station data transmission
- ◇ Hydrologic data acquisition



- ✧ Vending machine
- ✧ Traffic info guidance
- ✧ Parking meter and Taxi Monitor
- ✧ Telecom equipment supervision

■ Benefits and Features

- ✧ Auto install software
- ✧ Easy connection, directly to the PC or laptop by using a provided extension cable
- ✧ High speed with data transfer and backward compatible with CDMA 1X RTT/EDGE/GPRS/ GSM data connectivity.
- ✧ Visual feedback on connection status with the LED and the easy connection software, including signal strength indication
- ✧ Compatible with nearly all modern desktop and laptop PC's equipped with Microsoft OS (2000, XP, XP Pro and Vista), linux.

■ Specification

3G network		
Compatible Mobile Networks	M36	IS-95A/B IS-2000 Release 0 CDMA 2000 1x EV-DO Rev.A
	M37	HSDPA/UMTS/EDGE/GPRS/GSM
	M38	GSM/GPRS/EDGE/TD-SCDMA/TD-HSDPA
	M39	HSUPA/HSDPA/UMTS/EDGE/GPRS/GSM
Cellular Frequency band	M36	800Mhz or 800/1900Mhz or 450Mhz band A(optional)
	M37	Triple-band HSPA/UMTS 850/1900/2100 MHz Quad-band EDGE/GPRS/GSM 850/900/1800/1900 MHz
	M38	TD-HSDPA/TD-SCDMA 2010 - 2025 MHz TD-HSDPA/TD-SCDMA 1880 - 1920 MHz GSM/GPRS/EDGE 900/1800 MHz
	M39	Triple-band HSPA/UMTS 850/1900/2100 MHz Quad-band EDGE/GPRS/GSM 850/900/1800/1900 MHz
Bandwidth	M36	UL/DL: 1.8Mbps/3.1Mbps
	M37	UL/DL: 384kbps/7.2Mbps
	M38	TD-HSDPA: up to 2.8 Mbit/s TD-SCDMA: up to 384 kbps EDGE: up to 236.8 kbps GPRS: up to 85.6 kbps
	M39	GSM CS: UL 9.6kbps/DL 9.6kbps GPRS/EDGE: Multi-slot Class 12, Class B WCDMA CS: UL 64kbps/DL 64kbps WCDMA PS: UL 384kbps/DL 384kbps

	UL/DL HSUPA: UL 2.0Mbps(can be updated to 5.76M)/DL 7.2Mbps
Interface	
Antenna	50 Ω SMA female interface
Serial port	DB9(optional,)
RJ-11 port	Voive interface(optional)
Led	Power Data
UIM/SIM	1.8V/3V
USB	USB 2.0 female
Power	
Power supply	DC5V-25V , typical DC9V1A
Power consumption	Peak: 1.5A@+9VDC Average: 150mA@+9VDC Idle: 30mA@+9VDC
Software	
OS supported	Windows XP Mac OS Linux
Physical	
Operating Temperature	Work temperature: -10℃~70℃ Storage temperature: -40℃~90℃。
Humidity	95% Maximum (Non-condensing)
Dimensions	Item (L x B x H): 98mm x 68mm x 24mm Packaging (L x B x H): 280mm x 220mm x52mm
Weight	Item: 200g Packaging: 2.0 lbs
Electromagnetic compatibility	anlistatig test: Class 3 Radio electromagnetism test: Class 3
Others	
Warranty	1 Year
Package Contents	The M3 Series Modem USB Cable DC 9V1A Power Adapter Antenna CD-ROM with Product Documentation

▪ Products models

M39H HSUPA Modem, HUAWEI EM770 module

- M39H HSUPA Modem with GPS function, HUAWEI EM770W module
- M37T112 HSDPA Modem, Telit UC864 module, With Voice & Serial Port interface
- M37Z712 HSDPA Modem, ZTE AD3801 module
- M36Z542 EV-DO Rev. A Modem, huawei EM660 module,
- M36Z642 EV-DO Rev. A Modem, ZTE EM660 module