


# MF833V USB Modem

	Feature	Description	Compliance	Notes
Artwork	Dimensions	93.8mm x 28.6mm x 13.5mm	Yes	
	Weight	Approx 30g	Yes	
	Picture		Yes	
	Form Factor	USB modem	Yes	
	USB Interface Type	Standard USB-A	Yes	
	User Manual		No	
	Quick Guide		Optional	
	Warranty Cards		Optional	
	EAN		Optional	Can be customized
	TAC		Yes	
Solution	Chipset Supplier	Qualcomm	Yes	
Baseband	Chipset	MDM9X07	Yes	
	Processor Speed (Apps)	1.2GHz	Yes	
	USIM/SIM slot	3FF SIM 3V SIM card and 1.8V SIM card	Yes	
	Memory(SDRAM/NAND)	128MBytes/256MBytes	Yes	
	MICRO SD slot	Micro SDHC, 2G~32GByte Capacity, SD 2.0 Class 6	Yes	
	USB Version	USB 2.0 HIGH SPEED	Yes	Can be used for USB 1.1 Reliably
	Interface	USB	Yes	
	Power Supply	5V	Yes	
	LED	Red: Turn on but not register Green Blinking: Register and connect to 2G/3G Green Solid: Register to 2G/3G Blue Blinking: Register and connect to 4G Blue Solid: Register to 4G	Yes	
RF	Chipset	WTR2955		
	Receive Diversity		Yes	

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	Band	FDD-LTE: B1/2/3/4/5/7/8/12&B17/20 UMTS: B1/2/4/5/8 GSM: 850/900/1800/1900	Yes	
	Equalization		Yes	
	Main Antenna	Internal antenna	Yes	
	Receive Diversity Antenna	Internal antenna	Yes	
Software	GSM/EDGE/WCDMA	WCDMA PS: UL 384kbps/DL 384kbps	Yes	
	HSDPA/HSUPA/HSPA+/LTE	HSDPA: DL 14.4Mb/s(Category 10) DL 21Mb/s(Category 14) DL 42Mb/s(Category 24) HSUPA: UL 5.76Mb/s(Category 6) LTE FDD: (Category 4): DL 150Mb/s UL 50Mb/s LTE TDD(Category 4): DL 117Mb/s UL 9Mb/s	Yes	
	3GPP release	LTE Rel 9 WCDMA Rel '99 plus Rel 5 HSDPA, Rel 6 HSUPA, Rel 7 HSPA+	Yes	
	OS	Windows XP SP3	Yes	Driver Free, Plug & Play
		Windows Vista	Yes	
		Windows 7	Yes	
		Windows 8/8.1/10/IoT	Yes	
		MAC	Yes	MAC 10.6- 10.11
		Linux Android	Yes Yes	
	Browser	IE	Yes	
Firefox		Yes		
Safari		Yes		
Opera		Yes		
Chrome		Yes		
GPRS class	Class B	Yes		
Application	RAS		No	
	RNDIS/ECM	RNDIS for Windows and ECM for Mac/Linux	Yes	
	Voice		No	
	Video Call		No	
	SMS		Yes	
	MMS		No	
	STK		Optional	
	USSD		Optional	
	Phonebook		Yes	
	Network Lock		Optional	
SIM Reader		No		

## MF833V USB Modem

	Language	English by default	Yes	
	IPv6		Yes	
	Upgrade	Support FOTA for driver free version	Yes	
Approvals & Certification	RoHS		Yes	
	CE, GCF	Europe	Yes	
	FCC, PTCRB	North America	Yes	
	NCC	Tai Wan	Yes	
	JRF, JPA	Japan	Yes	
	KC	South Korea	Yes	
	ACMA	Austrilia, New Zealand	Yes	
	IC	Canada	Yes	
	others	on customer's demand	Optional	
Environment	Operating Temperature	-10 to 60° C	Yes	
	Storage Temperature	-40 to 70° C	Yes	
	Humidity	5%~ 95%	Yes	
Applicable Area	Global	Cover America, Europe, Asia, Oceania, Africa, etc. and have deployed on scale	Yes	
Application Scenarios	Vertical Applications	Telemedicine, UAV, Intelligent Manufacturing, Vehicle navigation, Logistics, Intelligent Agriculture: Can be customized with R&D level technique support.	Yes	