

# PAST AND FUTURE COMPATIBLE

## COMPACT AND INTELLIGENT INDUSTRIAL MODEMS

Smart Metering



Oil & Gas Monitoring



Industrial Automation



POS & Kiosk



Vending Machine

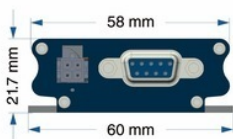






### Compact and intelligent industrial modems

Maestro M110 modems are designed to provide connectivity across a broad range of M2M and IoT applications. They allow Internet connectivity via serial port to PLCs, Meters, Vending Machines... They help transporting data from any industrial device to data control servers.



## CONFIGURABLE AS BITPIPE OR AUTONOMOUS DEVICE



-  Aluminium alloy
-  80gr weight
-  Last gasp \*
-  Din mountable

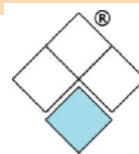
- Simplified user experience on easy setup
- Advanced configuration through mPack
- 2 Configurable IOs
- Auto TCP/UDP permanent client with two TCP/UDP sockets for failover
- Network connectivity watchdog



D2Sphere™ device management services let you monitor, diagnose, control and update your Maestro and FALCOM devices. Information such as signal strength, geographic location, battery state, temperature, device firmware and software versions can be remotely monitored, stored and presented to help you to manage quality of service and prevent downtime

FEATURES	M100-3GXT	M100-3GXT485	M111	M113*	M114*	M115*
<b>GSM ENGINE</b>	SL8082T	SL8082T	SARA-G359-02S	SARA-R412M-02B	LARA-R211-02B	SARA-U201-03B
<b>BANDS 2G</b>	2/3/5/8	2/3/5/8	2/3/5/8	3/8	3/8	2/3/5/8
<b>BANDS 3G</b>	1/8	1/8	x	x	x	1/2/5/8
<b>BANDWITH</b>	3.6/0.384	3.6/0.384	x	7.2/5.76	x	x
<b>BANDS 4G</b>	x	x	x	x	3/7/20	x
<b>BANDWITH</b>	x	x	x	x	5.2/10.3	x
<b>BANDS NB-IoT/LTE M1</b>	x	x	x	2/3/4/5/8/12/13/20/28	x	x
<b>BANDWITH</b>	x	x	x	62.5/27.2	x	x
<b>BANDWITH LTE-M1</b>	x	x	x	375/375	x	x
<b>SIM</b>	mini-SIM	mini-SIM	mini-SIM	mini-SIM	mini-SIM	mini-SIM
<b>ANTENNA</b>	1-SMA	1-SMA	1-SMA	1-SMA	2-SMA	1-SMA
<b>PROCESSOR</b>	x	x	STM32F446	STM32F446	STM32F446	STM32F446
<b>GNSS</b>	gpsOneXTRA	gpsOneXTRA	x	x	x	x
	1-SMA	1-SMA	x	x	x	x

FEATURES	M100-3GXT	M100-3GXT485	M111	M113 *	M114 *	M115 *
<b>FLASH</b>	32MB	32MB	256/512 KB	256/512 KB	256/512 KB	256/512 KB
<b>SPI FLASH</b>	x	x	16MB	16MB	16MB	16MB
<b>RAM</b>	2MB	2MB	128KB	128KB	128KB	128KB
<b>LEDs</b>	1	1	2	2	2	2
<b>RS232 PORT</b>	1-DB15	x	1-DB9	1-DB9	1-DB9	1-DB9
<b>USB PORT</b>	Mini-USB	Mini-USB	TYPE C	TYPE C	TYPE C	TYPE C
<b>RS485 PORT</b>	x	1-TB3	OPT	OPT	OPT	OPT
<b>PORT TYPE</b>	x	Half Duplex	H/F Duplex	H/F Duplex	H/F Duplex	H/F Duplex
<b>PS INPUT</b>	5-32VDC	5-32VDC	8-32VDC	8-32VDC	8-32VDC	8-32VDC
<b>T. RANGE</b>	-30~+70°C	-30~+70°C	-40~85°C	-40~85°C	-40~85°C	-40~85°C
<b>AUDIO</b>	√	√	x	x	x	x
<b>RTC</b>	x	x	100 DAYS	100 DAYS	100 DAYS	100 DAYS
<b>LAST GASP*</b>	x	x	OPT	OPT	OPT	OPT
<b>DIO**</b>	2	2	2	2	2	2
<b>ADC**</b>	x	x	2	2	2	2
<b>APPLICATION</b>	SmartPack	SmartPack	mPack	mPack	mPack	mPack
<b>PLATFORM</b>	OPENAT	OPENAT	ECOS	ECOS	ECOS	ECOS



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