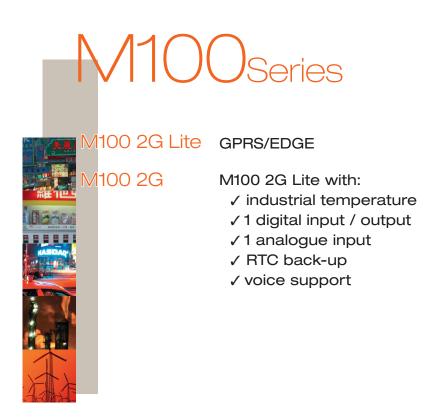


## Easy to use, reliable, industrial modems

The M100 2G, of the M100 series is the perfect solution for demanding M2M applications. Ever smaller and fully-featured, the M100 2G can be integrated easily into any industrial machine from electricity meters to intrusion alarms or vending machines. M100 2G modems are quadband, making them immediately usable worldwide. Boasting the reliability the M100 Series is known for, the M100 2G modems are the perfect devices to use in any of your projects facing tough conditions or extended lifetime requirements.



## Easy Configuration

The Maestro Smart Pack is loaded in all M100 Series modems to ease device setup and network registration. This application includes much needed features for system integrators such as auto baud-rate detection, auto-TCP/UDP connection, selfhealing protocol in case of network failure and many more.







## **Technical information**

FEATURES	M100 2G Lite	M100 2G
TECHNOLOGY		
GSM / GPRS / EDGE	Quadband / Class 10	
Voice / Data / Fax / SMS	data / SMS	voice / fax / data /SMS
Internet services	TCP / UDP / FTP / HTTP / S	SMTP / POP3 / SNMP / SSL
		· · · · · · · · · · · · · · · · · · ·
Download Over The Air	/	
AT command set (GSM 07.05, GSM 07.07)	> 300	
Sierra Wireless Open AT™	Auto baud-rate detection, auto-TCP/UDP, self-healing protocol, DynDNS, et	
Maestro Wireless Solutions Smart Pack	Auto baud-rate detection, auto-TCP/UI	
Autorestore - timer reset	-	1
VOICE, DATA AND SMS FEATURES		
Circuit Switched Data (CSD) service	asynchronous, transparent and n	on-transparent up to 14,400 bit/s
Automatic fax group 3 (Class 1 and Class 2)	-	1
MNP2, V.42bis	-	1
Text and PDU SMS	/	
Point to point SMS (MT/MO)	/	
UCS2 Character Set Management	/	
OTHER FEATURES		
Operating status LED	/	
Casing	Aluminium alloy	
DIN rail mountable	J	
INTERFACES SIM drawer	1.9 /	3.0.1/
	1.8 / 3.0 V	
RS-232C on 15-pin sub-D connector	/	
		y (on 2 pins)
Micro-Fit <sup>™</sup> 4-pin connector	-	1 x digital input / output (on 1 pir
	-	1 x analogue input (on 1 pin)
SMA antenna connector (50 Ω) DIMENSIONS	· · · · · · · · · · · · · · · · · · ·	/
Size without connectors (in mm / inch)	62.8 x 60 x 21.8 / 2.47 x 2.36 x 0.86 90 / 3.18	
Weight (in g / oz) TEMPERATURE RANGE	907	5.10
	20 170 / 4 1150	20 175 ( 22 1167
Operating (in °C / °F) POWER SUPPLY	-20 ~ +70 / -4 ~ +158	-30 ~ +75 / -22 ~ +167
Input voltage	5 to 3	2 V DC
GSM 850/900 (PCL 5)	228mA at 5 V	
GPRS class 10 (transfer mode)	403mA at 5 V	
EDGE class 10 (transfer mode)	520mA	at 5 V
CERTIFICATIONS/COMPLIANCES		
CE / R&TTE		/
		/

ORDERING INFORMATIONS			
Modem	M1002GLITE	M1002G	
Antenna	ACC-A01		
Serial cable	ACC-CA01		
Power Supply	ACC-PS01		
DIN Clip	ACC-DIN		

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