100evo
Series

maestro)))

Easy to use, reliable, industrial modems

Maestro 100 Evolution series is the perfect solution for demanding M2M applications. Compact and fully featured, the Maestro 100evo series can easily be integrated into industrial application from electricity meters to intrusion alarms or vending machines. Maestro 100evo modems are GPRS quadband and full type approved, making them immediately usable worldwide. Renowned for their outstanding reliability, Maestro 100evo modems are the perfect devices to integrate in each of your projects facing tough conditions or extended lifetime requirements.

100evo
Series

100evo Crystal
(Transparent bitpipe)
: GPRS, plastic casing

100evo Lite
(local config.)
: GPRS, Metal Casing,
+ Smart Pack Lite
+ 1 Digital Input

100evo IP
(remote config.)
: GPRS, Metal Casing,
+ Smart Pack II
+ 1 Digital Input

100evo Advance
(Advance temperature)
: GPRS, Metal Casing, IDS
+ Smart Pack II
+ 1 Digital Input
+ 1 Analog Input
+ Extended Temperature

Versatility

Maestro 100 evo series provides different features regarding connectivity, intelligence or configuration software. You can thus get all the advantages of instant integration.

Smart
Pack II

Technical information

TECHNOLOGY	
GSM	Quadband
GPRS	Class 10
Voice/Data/Fax/SMS	✓
TCP/IP	Full TCP/IP Stack
INTERFACES	
SIM Plug-in card reader	1.8/3 V.
RS232 on 15 pin Sub-D connector	✓
Pin power supply connector	4 pin DC
SMA antenna connector (50 ohm)	✓
POWER SUPPLY	
Input voltage	6 to 32V DC
POWER CONSUMPTION	
GSM 850/900 (PCL 5)	203mA at 6V
DCS 1800/PCS 1900 (PCL0)	140mA at 6V
GPRS 850/900 CL10 (PCL5)	388mA at 6V
GPRS 1800/1900 CL10 (PCL0)	232mA at 6V
Idle consumption	45mA at 6V
Idle consumption (RS232 not connected)	18mA at 6V
Sleep Mode	4mA at 6V
CERTIFICATIONS/COMPLIANCES	
CE, GCF, RoHS Certification	
VOICE, DATA AND SMS FEATURES	
Data circuit asynchronous, transparent and non-transparent up to 14,400 bit/s ; Automatic fax group 3 (Class 1 and Class 2) ; MNP2, V.42bis ; Text and PDU SMS ; Point to point SMS (MT/MO) ; UCS2 Character Set Management	
FUNCTIONAL FEATURES	
AT command set (GSM 07.05, GSM 07.07 and Wavecom)	> 300

Maestro 100evo modems are available in metal or plastic casing.

FEATURES/PRODUCTS	M100evo Crystal	M100evo Lite	M100evo IP	M100evo Advanced
Input - Digital	N/A	1	1	1
Input - Analog	N/A			1
Download Over The Air	N/A		Optional	
Autorestore - timer reset	✓			
OTHER FEATURES				
Operating status LED	✓			
Casing	Plastic	Metal		

DIMENSIONS		
Size (mm)	88x60x26	90x72x23
Weight (g)	70	100
TEMPERATURE RANGE		
Operating / Storage	-30~+75 °C / -40~+85 °C	-30~+85 °C / -40~+85 °C

Distributor's Contact

OPTIONAL ACCESSORIES (ADDITIONAL ACCESSORIES ARE ALSO AVAILABLE UPON REQUEST)				
GSM antenna 900/1800 Mhz	✓	✓	✓	✓
GSM antenna 850/1900 Mhz	✓	✓	✓	✓
RS232 cable interface	✓	✓	✓	✓
Din Clip (metal casing only)	N/A	✓	✓	✓

SMART PACK II FEATURES				
I/O Monitoring	N/A	✓	✓	✓
GPRS and IP configuration		✓	✓	✓
Call Screening		Smart Pack Lite (Local Configuration)	✓	✓
DynDNS			✓	✓
Remote AT Command			✓	✓
Ping			✓	✓
Status check and monitoring			✓	✓

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