



# Powerful and Trusted Wireless Solutions for the M2M market



maestro   
empowering wireless

## Products Catalog 2010

Maestro Heritage combines a base unit offering GSM/GPRS/EDGE technologies in an Industrial grade design with pluggable boards catering for diverse Machine to Machine applications, transforming the Heritage into a Multitechnology Gateway.

## Maestro Heritage Modem & Add-On Boards

Maestro item code **HER010**



### *Maestro Heritage Main Unit*

- Quadband GSM/850/900/1800/1900MHz
- GPRS Class 10 / Edge class 10
- Expansion slot for add-on module and customised functions
- Functional: -40°C to + 85°C
- OS: Wavecom OPEN AT
- Maestro Softool Software for advanced features
- Worldwide Certified: CE / FCC / PTCRB / R&TTE / ROHS

Maestro item code **HER020**



### *Heritage GPS Add-On*

- 32 Channel Receiver / Baseband Processor Chipset
- 8 Channel Tracking
- -157 dBm sensitivity
- 4 sec TTFF
- Accuracy: <7m outdoor, <30m indoor
- 6 Digital Input Ports, 2 Digital Output Ports, 4 Analog Inputs

Maestro item code **HER030**



### *Heritage Digital I/Os (6in/6Out) Add-On Board*

- 6 digital inputs and 6 digital outputs
- Can be used as a Gateway for other devices using Modbus RTU or DNP 3.0 protocol
- Compatible with Maestro Facilities Management Solutions

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## Maestro Heritage Modem & Add-On Boards

Maestro item code **HER040**



### Heritage Ethernet Add-On Board

- Transform Maestro Heritage GSM/GPRS/EDGE modem into a TCP/IP Gateway
- Ethernet 10/100 base T
- Cellular Router Capabilities
- RS232 over Ethernet Connection
- 2 Digital Inputs, 2 Digital Outputs
- 15 Pins connector for additional I/O and diagnostic/configuration
- Embedded Maestro Ethernet Configuration Software

Maestro item code **HER042**

### Maestro Ethernet Router Metal Casing



As a reliable Router solution and an always-ready redundant connection, the Heritage Ethernet Router provides easy and cost-effective data transfer over TCP/IP communications.

Virtually any remote sites or devices can now join a corporate IP network.

Supporting M2M standards and security protocols, your new generation 2.75 G Wireless WAN cellular router is the perfect solution for highly demanding professionals with operations in the industrial applications fields.

Maestro Heritage GPRS/EDGE to Ethernet Gateway main features:

- Industrial Grade Ethernet Router with RS232 over Ethernet Connection
- 2 digital inputs, 2 digital outputs
- Easy set-up through desktop graphical interface
- Din Rail Mountable
- 15 pins connector for additional I/O and diagnostic/configuration
- Advantage of the Heritage Softool features
- Embedded Maestro Ethernet Configuration Software

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## Maestro Heritage Modem & Add-On Boards

Maestro item code **HER050**



### *Heritage Bluetooth Add-On*

Transform your Heritage into a Cellular-Bluetooth V2.0 Gateway, ideal for cable replacement :

- Transparent RS232 over Bluetooth transmission
- Industrial grade bluetooth: up to 150 meters at 732 kbps
- Support GAP, SDAP, SPP, DUN, SPP profile
- Embedded antenna
- High temperature range -30°C / +70°C

Maestro item code **HER060**



### *Heritage Coronis Wavenis 25mW Add-On Board*

Transform your Heritage into a Cellular-Wavenis gateway transmits data from up to 500 Wavenis nodes. Offers full 2-way communications for automated monitoring and remote network administration.

- License free-bands worldwide 433, 868, 915-916 Mhz
- External Antenna

Coming Soon (OCT 09)

Maestro item code **HER070**




### *Heritage Analog Input/Pulse Counting Add-On*

- 4 analog inputs  
ADC resolution: 10 bits
- 4 digital inputs  
Each digital input can be used as a 16 bits pulse counter.  
Triggered on rising edge of the signal, or as a standard input.
- 4 digital outputs
- Programmed by AT Commands

Coming Soon (NOV 09)

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## Maestro Heritage Embedded Software



### Heritage Ethernet Configuration Software

Easily configure your Heritage Ethernet Router or Ethernet Add-on Board:

Quickly Set-up:

- ISP Username and Password
- DHCP Pool Size
- DNS Server
- Default IP
- IP Gateway
- Subnet
- Port Forwarding

Maestro item code **SP-03** (constant evolution - consult us for teh last free version)



**Softtool**

*Embedded Intelligence - Empowered User Experience*

**10 Features - No Premium charge**

*DynDNS*

*TCP Terminal*

*Modem status check and monitoring*

*Auto TCP Connection*

*Ping*

*Call Screening*

*Advanced programming script*

*Remote Program Updating*

*AT command through SMS*



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## Heritage Bundles

Maestro item code **HB10**



The image shows the components of the HB10 bundle: a central white industrial unit with a DIN connector, a black magnetic antenna on a cable, a black power supply unit with a power cord, a blue serial cable, a small blue DIN clip, and a black softtool.

*HB10 Bundle*

- Heritage Main Unit
- + Magnetic Antenna
- + Industrial Power Supply
- + Serial Cable
- + Din Clip
- + Softtool

Maestro item code **HB20**



The image shows the components of the HB20 bundle: the HB10 bundle components plus a small blue GPS add-on board, a GPS antenna on a cable, and a multi-colored I/O extension cable.

*HB20 Bundle*

- HB10 Bundle
- + GPS Add-On
- + GPS Antenna
- + I/O Extension Cable

Maestro item code **HB30**



The image shows the components of the HB30 bundle: the HB10 bundle components plus a green I/O add-on board.

*HB30 Bundle*

- HB10 Bundle
- + I/O Add-On


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## Heritage Bundles

Maestro item code **HB40**

	<p><i>HB40 Bundle</i></p> <p>HB10 Bundle + Ethernet Add-On + Configuration Cable</p>
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Maestro item code **HDK2 / HDK3 / HDK4**

<p>HERITAGE DEVELOPMENT KIT</p> <p>The <b>Heritage Main Unit</b> and up to 4 <b>Add-On Boards</b> with all accessories in one rugged case to <b>create and test</b> your wireless application.</p>	
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	<p>Using its <b>embedded open platform</b> and easy to <b>customize option board</b>, Maestro Heritage makes it simple to <b>adapt for any application.</b></p>
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## Heritage Bundles

Maestro item code **HB50**

	<p><i>HB50 Bundle</i></p> <p>HB10 Bundle + Bluetooth Add-On</p> <p><b>Now Available</b></p>
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Maestro item code **HB60**

	<p><i>HB60 Bundle</i></p> <p>HB10 Bundle + Coronis Wavenis 25mW Add-On Board + External Antenna</p> <p><b>Coming Soon (OCT 09)</b></p>
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Maestro item code **HB70**

	<p><i>HB70 Bundle</i></p> <p>HB10 Bundle + Analog Input/Pulse Counting Add-On</p> <p><b>Coming Soon (NOV 09)</b></p>
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