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 trough 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
- DNS Server
- IP Gateway
- Port Forwarding
- DHCP Pool Size
- Default IP
- Subnet

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

**Softool**

*Embedded Intelligence - Empowered User Experience*

10 Features - No Premium charge

- DynDNS
- Auto TCP Connection
- TCP Terminal
- Ping
- Modem status check and monitoring
- Call Screening
- Advanced programming script
- Remote Program Updating
- AT command through SMS
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**Heritage Bundles**

Maestro item code **HB10**

**HB10 Bundle**

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

Maestro item code **HB20**

**HB20 Bundle**

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

Maestro item code **HB30**

**HB30 Bundle**

- HB10 Bundle
  - + I/O Add-On
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**Heritage Bundles**

Maestro item code  **HB40**

Maestro item code  **HDK2 / HDK3 / HDK4**

**Heritage Development Kit**

The Heritage Main Unit and up to 4 Add-On Boards with all accessories in one rugged case to create and test your wireless application.

"Using its embedded open platform and easy to customize option board, Maestro Heritage makes it simple to adapt for any application."
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**Heritage Bundles**

Maestro item code **HB50**

<table>
<thead>
<tr>
<th>HB50 Bundle</th>
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<tbody>
<tr>
<td>HB10 Bundle</td>
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<tr>
<td>+ Bluetooth Add-On</td>
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<td><strong>Now Available</strong></td>
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Maestro item code **HB60**

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<td>HB10 Bundle</td>
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<tr>
<td>+ Coronis Wavenis 25mW Add-On Board</td>
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<tr>
<td>+ External Antenna</td>
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<tr>
<td><strong>Coming Soon (OCT 09)</strong></td>
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Maestro item code **HB70**

<table>
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<tbody>
<tr>
<td>HB10 Bundle</td>
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<tr>
<td>+ Analog Input/Pulse Counting Add-On</td>
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<tr>
<td><strong>Coming Soon (NOV 09)</strong></td>
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