

## Telematics Platforms

BT2000 has established a range of Telematics platforms for today's demanding communications requirements.

The products are manufactured by Italian Manufacturer, **urmet** TLC previously known as Audiotel

### URMET Telematics Portfolio



#### Celline III A GSM/UMTS Fixed Telephony Gateway

The Urmet Celline Family offers a Full Plug and Play Telephony system for Remote areas and temporary facilities. With Airtime costs reducing may help reduce Land line costs available with GSM/SPRS or UMTS

**Voice Calls                  SMS/FAX Messaging**

**Internet Browsing Hi Capacity Back up battery**

##### FEATURES

- AU port for Voice, Data, SMS, FAX and Modem (V90)
- Local programming by the phone (DTMF tones) or through the USB port and SW application
- Remote programming through GSM data call by a SW application
- 2.0 USB port, type B
- SIM-CARD folding holder, 3V type; PIN code entry through DTMF tones
- Status LEDs
- Call hold, call wait, etc: GSM services handling via DTMF tones from the connected (BCA) phone
- Calling Line Identification Presentation (CLIP) over the AU port

#### I-Advance 3G Wireless Router

This Industrial HSUPA Router is perfect for the Industrial Market and Ideally suited to remote management and CCTV

##### Functionality:

- Fast Internet Access through UMTS and HSDPA protocol for computers and other IP devices in the local network (LAN)
- Security through integrated Firewall
- Easy configuration by web-based interface
- VPN client to access the company network from a remote location

##### Applications:

- Alternative to Internet access via ADSL
- Broadband-like access in areas without landline broadband coverage

##### Radio Module:

- GSM/GPRS/EDGE/HSDPA standard, Sierra Wireless MC8780/8781

##### Router:

- NAT Router with Firewall and freely-configurable port mappings, DynDNS client
- 1\* Ethernet 10/100 MBit/s (LAN), 3\* USB Host, 1\* analog CVBS
- VPN Client: PPTP/L2TP/OpenVPN
- Web-based configuration interface

##### Hardware:

- Dimensions: 80 \* 106 \* 24 mm
- Weight: 200g
- Operating conditions: -20 to +55 °C



**A Range of Industrial Quad-Band GSM/GPRS Modems  
Industrial Base option**

- Compatible with data, voice, SMS, and fax services
- Standard AT command
- Serial Interface RS232
- Plug for external loudspeaker and microphone
- Connector for external antenna
- Remote access to status data and firmware upgrades
- Robust case of industrial quality
- Enhanced temperature range:  
Operation -20 °C to +55 °C  
Transport -40 °C to +85 °C
- Flexible voltage: 8V to 32V (15W)
- Dimensions: 69,5\*80\*24 mm, Weight: 120g
- Power consumption: standby 20mA  
GSM connection at 900Mhz (2W): 150mA  
GSM connection at 1800Mhz (1W): 130mA
- Kits for wall mounting and DIN/OMEGA rail compatible mounting kits

**Industrial Plus Version**

- Enhanced AT command set (Urmet proprietary)
- Embedded microprocessor:  
8bit RISC CPU, 8 MIPS
- 64 KB SD RAM
- 2 MB Flash program and data memory
- Fully programmable using optional SDK kit (C++ Software Development Kit)
- Integrated TCP/IP stack

**Industrial I/O (Industrial Controller) Additional features:**

- Flexible reaction to electric signal input :
- Voice-call to up to 5 destinations
- SMS to up to 5 destinations
- Email to up to 2 addresses
- Remote activation of electric outputs triggered by:
- SMS
- Voice-call
- Status messages to:
- SMS to up to 5 destinations
- Email to up to 2 addresses
- 2 Opto-isolated Inputs
- Maximum low-voltage: 6V
- Minimum high-voltage: 10,5V
- Maximum high-voltage: 240VAC/DC
- 2 Opto-relays Outputs
- I<sub>max</sub>: 1A / V<sub>peak</sub>: 60V
- Local and remote configuration from PC

**COMING SOON- Deskphone**

URMET, a leading European Telecommunications supplier has just announced their new Landline replacement Desk Phone

This Residential phone becomes an Internet Hub

With Airtime costs reducing this new 315 3G Deskphone is the ideal Communications centre for small offices and homes.

With Voice and Data capabilities this UMTS/HSDPA Deskphone comes equipped with Wifi capability

The 315 3G Deskphone comes with all standard expectations such as Phonebooks, call lists and separate ring tones from a standard phone but with the additional advantage of a dual SIM Router enabling a local area network. The phone also offer call forwarding



**Broadband Technology 2000 Ltd  
Product Areas**

<p><b>EMBEDDED ICs</b></p> <ul style="list-style-type: none"> <li>• VoIP &amp; Video DSPs</li> <li>• Ethernet NPU &amp; NPA</li> <li>• Mixed Signal ICs</li> </ul> <p><b>SENSOR ICs</b></p> <ul style="list-style-type: none"> <li>• Accelerometers</li> <li>• Gyroscopes</li> <li>• Magnetic Sensors</li> </ul>	<p><b>WIRELESS</b></p> <ul style="list-style-type: none"> <li>• Telematic Platforms</li> <li>• GSM GPRS &amp; 3G Modems</li> <li>• 3G Routers</li> <li>• Mobile PCs</li> <li>• Gateways</li> <li>• Tracking Units</li> <li>• WiMAX Modems &amp; Controllers</li> </ul>	<p><b>RF &amp; MICROWAVE</b></p> <ul style="list-style-type: none"> <li>• Attenuators</li> <li>• Power AMPS</li> <li>• Antennas</li> <li>• GPS Modules</li> </ul>	<p><b>POWER MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>• Battery Charge ICs</li> <li>• Hot Swap Controllers</li> <li>• Power Supply Sequencers</li> <li>• Super capacitors</li> </ul>
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