

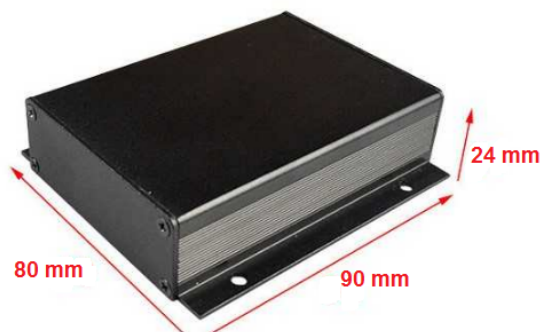
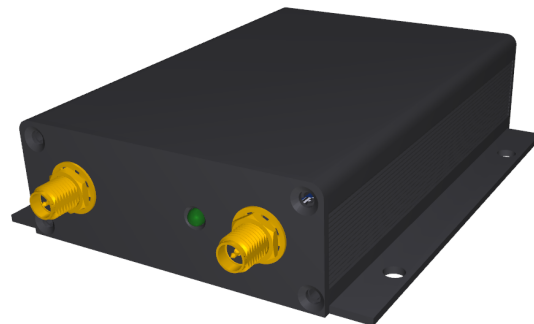


# CELIA

## Cellular Internet Appliance

CELIA series of products are cellular internet appliances with USB, or RS232 interface to a host computer. CELIA adds wireless connectivity to many devices such as embedded microcontroller boards, PLC's, industrial equipment, instruments, PC's, PLC's, laptops and tablets — without the cost and delay of obtaining FCC and carrier certification. The board has a Nimbeline Skywire™ LTE CAT4 cellular modem module with up to 150 Mbit/second in downlink, 50 Mbit/second in uplink. The small form factor fits easily in many enclosures, instruments panels and devices.

CELIA is fully backed by a 3-year warranty, technical support and application assistance from BiPOM Electronics, Inc.

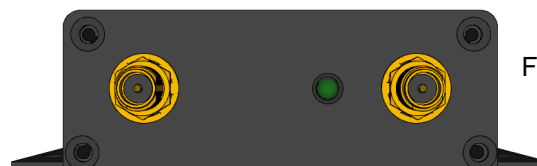


### Features:

- Compact, extruded aluminum enclosure with flanges for mounting
- Plug-and-play operation with Linux, Windows 7,8,10 and Embedded
- Customer can use any antenna without requiring re-certification

### CELIA Specifications:

- Nimbeline Skywire™ LTE CAT4 modem
- Sierra Wireless HL7588 cellular module
- LTE Frequency Bands B2, B4, B5, B13, B17
- Supply voltage: 10-30VDC
- Status LED
- Dual SMA antenna connectors
- Optional LTE antennas
- SIM accessible by removing rear panel
- Communication Method: USB or UART
- Type B high-retention USB connector
- 4-pin latching connector for power
- Optional DC cable or AC adapter
- Active call current: 650mA maximum
- Normal current: 29mA
- Power saving current: 1mA
- Temperature range: -40°C to +85°C
- Dimensions: 51 mm x 30 mm x 12 mm
- Special DIN rail clips, available separately



Front Panel



Rear Panel

### Software:

- Requires no software development
- Automatically recognized by Linux
- Uses driver under Windows
- BiPOM Connection Manager for Windows

### Ordering Information:

CELIA -  -  -  -  -

Interface: U: USB, S: Serial  
Module Type: 7588  
Carrier: V: Verizon®, T: T-Mobile/AT&T  
Power Supply: Blank: No power supply, A: AC Adapter, D: DC cable  
Antenna: Blank: No Antenna, 1: 1 Antenna, 2: 2 Antennas

Example: CELIA-U-7588-V-2-D

More details and Technical Manual are available for download at [www.bipom.com](http://www.bipom.com)

BiPOM Electronics, Inc. • Phone: 1-713-283-9970 • E-mail: [info@bipom.com](mailto:info@bipom.com) • Web: [www.bipom.com](http://www.bipom.com)

All trademarked names in this brochure are the property of respective owners.