

INP3010/3011 EVB-A

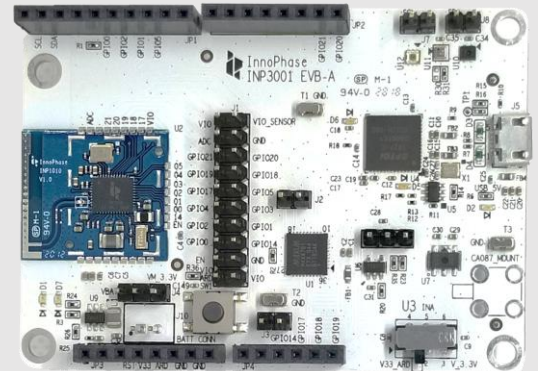
Talaria TWO™ Evaluation Kits

Complete Solution for Evaluating the Performance and Capability of Talaria TWO Modules

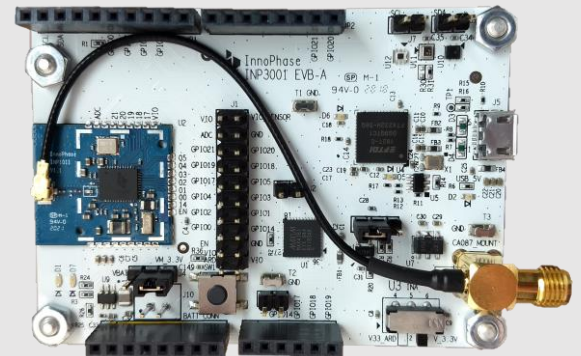
The INP3010/3011 EVB-A evaluation kits are available for measuring the performance and capability of the Talaria TWO INP1010/1011 modules. The modules use InnoPhase’s award-winning Talaria TWO Multi-Protocol Platform with Wi-Fi and BLE for wireless data transfer, an embedded Arm Cortex-M3 for system control and user applications plus advanced security elements for device safeguards.

The kits include an Arduino UNO format baseboard with an INP1010 or INP1011 module attached. The boards can be used in stand-alone mode or attached to an Arduino UNO compatible host or shield board. The baseboards have all module GPIOs accessible through either an internal 20-pin header or the Arduino connectors. Power is supplied from USB, host Arduino board or battery connector. Also mounted on the baseboards are environmental sensors for capturing temperature, humidity, pressure and light.

Ultra-Low Power Wireless Modules for Battery-Based IoT Designs



INP3010
(Includes INP1010 w/ PCB Antenna)



INP3011
(Includes INP1011 w/ U.FL Connector)



Ultra-Low Power

Industry’s lowest Wi-Fi power consumption enables battery-based cloud-connected IoT products



Superior Integration

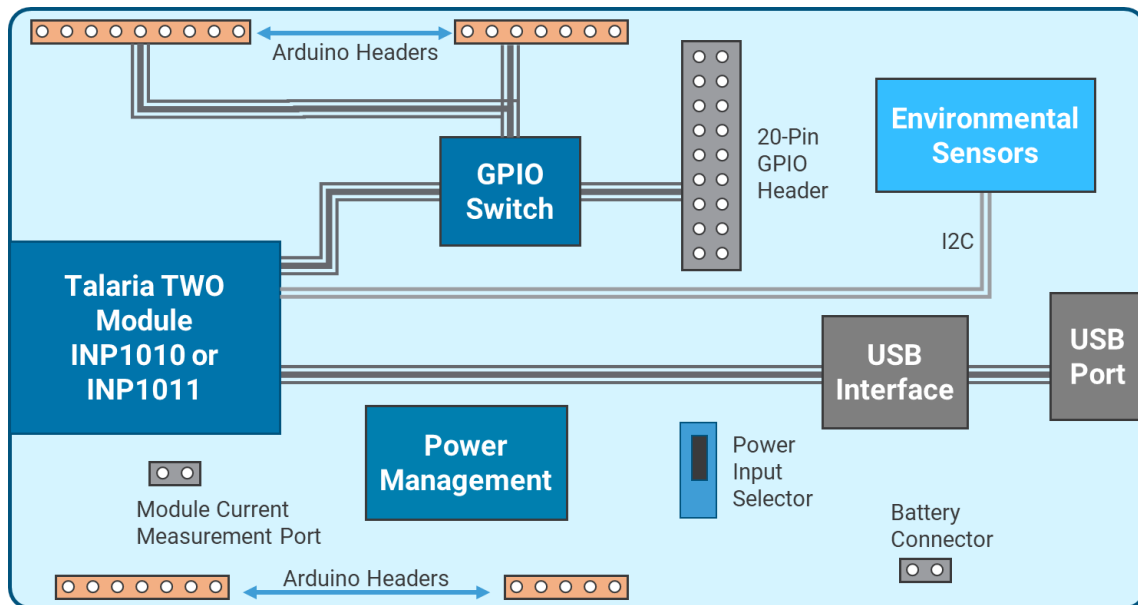
Complete module solution including embedded microcontroller, clocks, passives and antenna connections



Maximum Flexibility

Programmable radio protocols can be easily changed within microseconds through software APIs

INP3010/INP3011 Block Diagram



INP3010/INP3011 EVB-A Kit Contents

Product	INP3010	INP3011
Baseboard	EVB-A Baseboard, Arduino UNO Compatible (75.0mm x 53.3mm x 10mm)	
Talaria TWO Module Included (Mounted on Baseboard)	INP1010 (w/ PCB Antenna)	INP1011 (w/U.FL Antenna Connector)
Environmental Sensors (Mounted on Baseboard)	Temperature & Humidity (Sensirion SHTC3) Pressure (Bosch BMP388) Light (TI OPT3002)	
USB Interface	USB2.0	
USB Cable	Male USB A to Male USB Micro-B	
Antenna	Not Included	Stub Antenna with Cable & U.FL Connector
Battery Holder	Dual "AA" Battery Holder with Wired Connector	
Accessories	4x Stand-Offs and 4x Screw Nuts (Attached)	
Software	Available for Download at: http://www.innophaseinc.com/talaria-two-modules	

