



- Interface to DC switched equipment
- Interface to Analog Sensors
- High current output control
- Available router and end device configurations
- Battery operation

**Build your own network:  
Remotely Monitor and Control your field equipment**

The AP100 AirPoint Multi I/O module is a member of the AZN product family that connects inputs/outputs of almost any remote device to your host controller over AZN\*, Air2Apps' wireless mesh network. The AP100 includes two relay outputs, 4 DC voltage inputs, two 0 – 10VDC analog inputs and can be configured to report input events (alarms), accumulate input runtime, report over threshold runtime, and report power supply voltage.

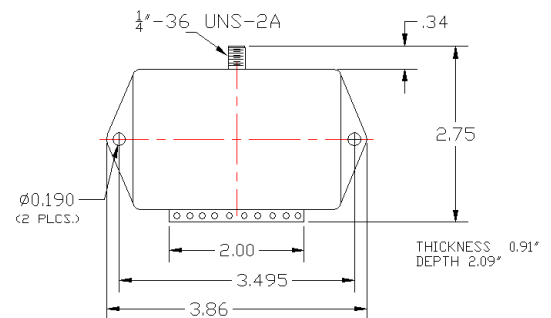
The AP103 provides flexible integration into your host application. It can be configured as either a ZigBee router or end device that can support battery powered applications. There AP100 automatically joins the network connecting your Inputs/outputs of your remote device wirelessly.

Your host controller can be a dedicated control panel, a control application running on a local PC, or an Internet based client. Host connection to AZN is via the AirGate module, your host controller's bidirectional serial access to all AirPoints. See AG101/AG102. For 24/7 managed service, Air2App's AirServ Internet server will monitor your AirPoints and notify users of event conditions via E-mail, Text messaging, Fax or Voice Alerts.

\* AZN is Air2Apps' implementation of the ZigBee™ wireless mesh network. AZN is a flexible, simple to install, expandable, network connecting hundreds of devices spread over large areas. See AZN product sheet.

### General Specifications

Operating Temperature:	-40°C to +85°C
Supply Voltage	9 to 36 VDC
Operating Current:	Sleep – <3 µA@3.3V typical Receive – 30 mA@3.3V typical Transmit – 25 mA@3.3V typical
Size:	3.875" x 2.400"



### Standard I/O

DC Inputs	4 - Optically Coupled inputs; 9 to 36 VDC, 10K input impedance
DC Output	2 – Relay Outputs, up to 10A DC
Analog Input	2 – High Impedance, 0 to 10 VDC

### Required Accessories

- Antenna
- AirGate