Add a Wi-Fi communication module to your BaseStation 1000 irrigation controller to enable reliable wireless connectivity. The Wi-Fi module sends and receives data over an existing Wi-Fi network at your site. Baseline’s Wi-Fi modules for the BaseStation 1000 have the following technical specifications.

**Module Description**
- 2.4 GHz IEEE 802.11b/g™

**Security**
- Supports 802.1x, 802.1i security
- WEP
- WPA-PSK
- WPA-2-PSK

**Network Interface**
- IEEE 802.11 - compliant RF transceiver
- Compatible with IEEE 802.11b/g/n networks

**RF/Analog Features**
- ISM Band 2.400 to 2.484 GHz operation
- Channels 1-11
- DSSS/OFDM modulation
- Application throughput: approximately 1125 kbps
- Integrated low phase noise VCO, RF frequency synthesizer, PLL loop filter, and PA
- Integrated RSSI ADC and I/Q DACs, RSSI readings available to host

**Current Consumption**
- -95 dBm Typical sensitivity at 1 Mbps
- +18 dBm Typical 802.11b TX power with control
- +16 dBm Typical 802.11g TX power with control

**Power Requirements**
- Single operating voltage: 2.8V to 3.6V (3.3V typical)

**Environment**
- Operating: -40° C to +85° C (-40° F to +185° F)
- Storage: -40° C to +125° C (-40° F to +257° F)

**General Information**
- Dimensions (LxW): 6.4 x 3.8 in (163 x 97 mm)
- Antenna Connector: Ultra-miniature coaxial (U.FL)
- Certifications: Radio regulation certification for United States (FCC), Canada (IC), and Europe (ETSI)

**Compatible BaseStation Firmware**
- The BaseStation 1000 has integrated support for Wi-Fi communication with firmware version 1.8 and higher.