

Add a cell modem communication module to your BaseStation irrigation controller to enable reliable remote connectivity. The cell modem sends and receives data over a wireless carrier's network. Baseline's cell modems have the following technical specifications.

Packet Data Features

GPRS: Class 10. Up to 85.6K bps, coding schemes CS1 to CS4

Quad-band GSM/GPRS 850/900/1800/1900 MHz

Circuit-switched data up to 14.4K bps

Power & Communication

Power and communication are supplied to the cell modem by the top 5-pin terminal block on right end of the controller board on all BaseStation 3200 or BaseStation 1000 irrigation controllers.

The cell modem is configured through the irrigation controller's interface.

Network

Cell modems operate on the AT&T network and require a yearly data fee.

Baseline provides the SIM card from the wireless carrier and a 1-year subscription to a data plan with the wireless carrier.

Environment

Operating: -22° to +158° F (-30° to +70° C)

Storage: -40° to +185° F (-40° to +85° C)

Humidity: 20% to 90% RH noncondensing

General Information

Dimensions: 4.1" w x 1.1" h x 2.4" d (12.5 cm w x 2.7 cm h x 8.6 cm d)

RF Antenna Connector: 50 ohm SMA female

SIM: Standard 1.8V & 3V SIM receptacle

Status Indicators: Multiple LEDs provide ongoing operational status

Approvals: CE Mark, R&TTE

EMC Compliance: FCC Part 15 Class B; EN 55022 Class B; EN 55024

Radio Compliance: FCC Part 22, 24; RSS 132,133; EN 301 511; EN 301 489-1;
EN 301 489-7; AS/ACIF S042.1, .3

Safety: UL 60950-1; cUL 60950-1; IEC 60950-1; AS/NZS 60950-1

Compatible BaseStation Firmware

The following firmware versions have integrated support for cell modem communication:

BaseStation 1000: Version 1.4 and higher

BaseStation 3200: Version 12.4 and higher