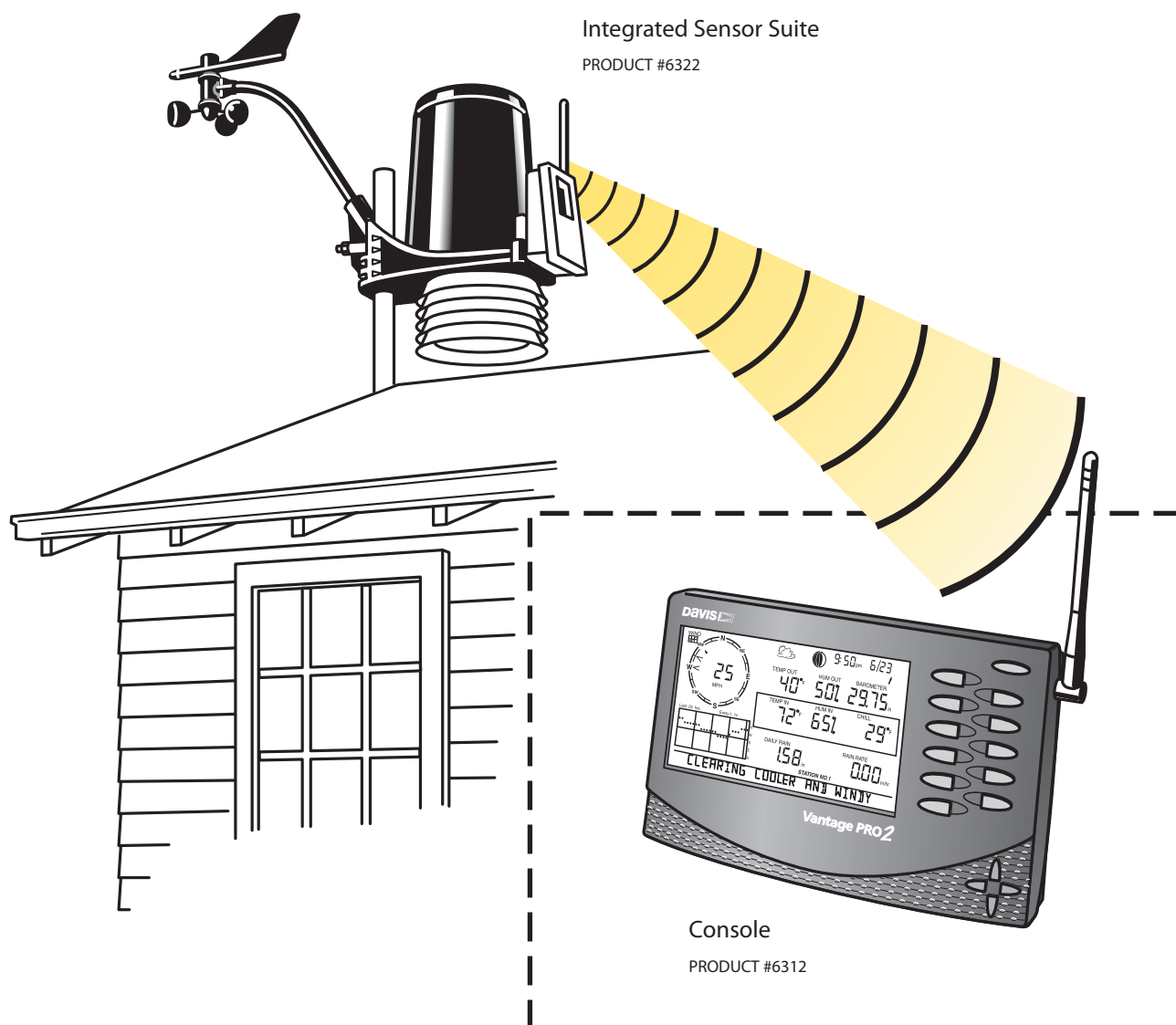


Vantage PRO2™ INSTALLATION DIAGRAM

Wireless Vantage Pro2™ System (Console with Integrated Sensor Suite)

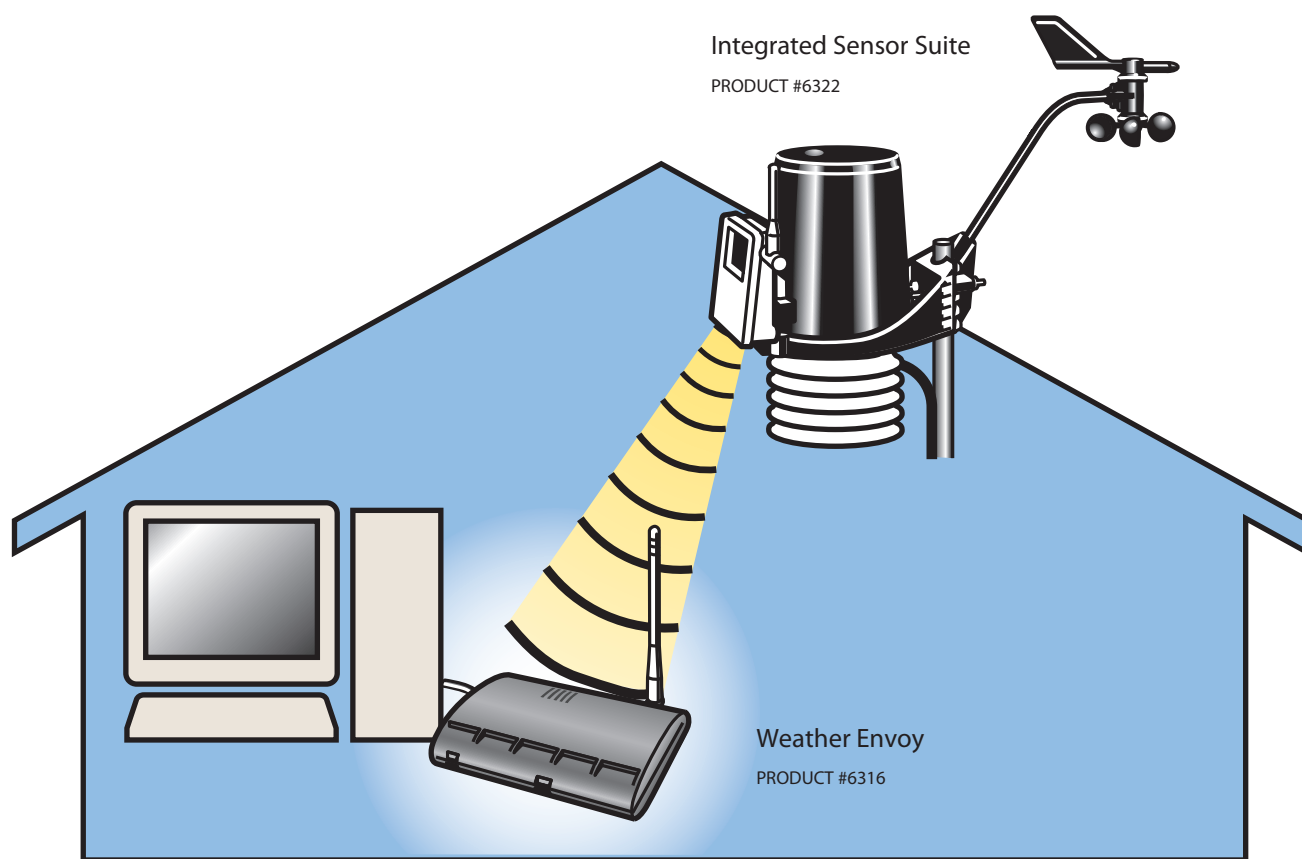
This diagram shows an Integrated Sensor Suite wirelessly connected to a Vantage Pro2 console with the console located within a home and the Integrated Sensor Suite mounted outside. The transmission distance between an Integrated Sensor Suite and console is up to 1000' (300 m) line of sight, or up to 600' (180 m) through walls and other obstructions.



Vantage PRO2[™] INSTALLATION DIAGRAM

Wireless Vantage Pro2[™] System (Envoy with Integrated Sensor Suite)

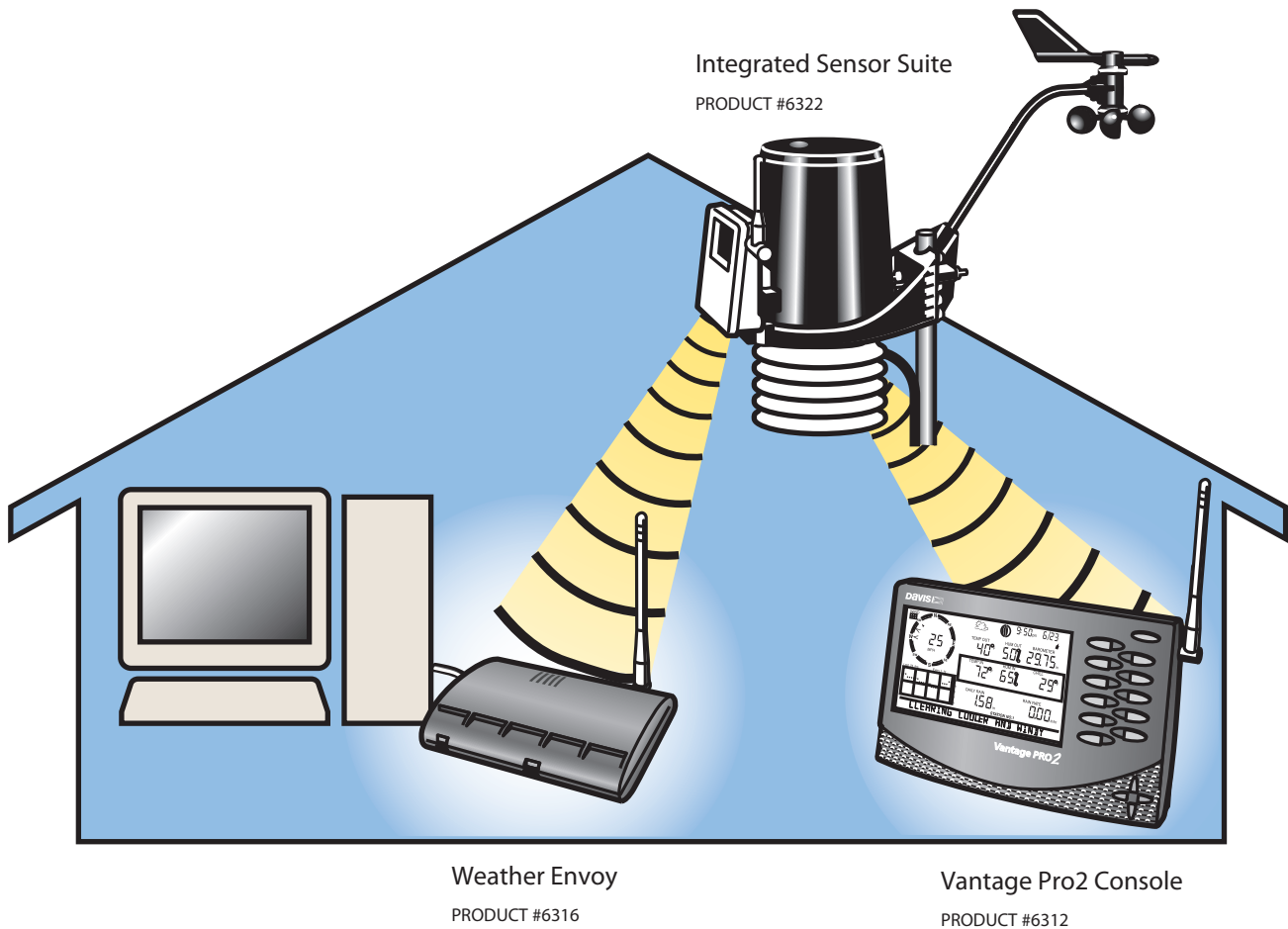
This diagram shows an Integrated Sensor Suite wirelessly connected to a Weather Envoy[™], which is connected to a computer. The transmission distance between an Integrated Sensor Suite and an Envoy is up to 1000' line of sight, or up to 600' through walls and other obstructions. The cable distance between an Envoy and a computer is 8' using a USB connection.



Vantage PRO2™ INSTALLATION DIAGRAM

Transmitting to a Vantage Pro2™ Console and Weather Envoy™ simultaneously

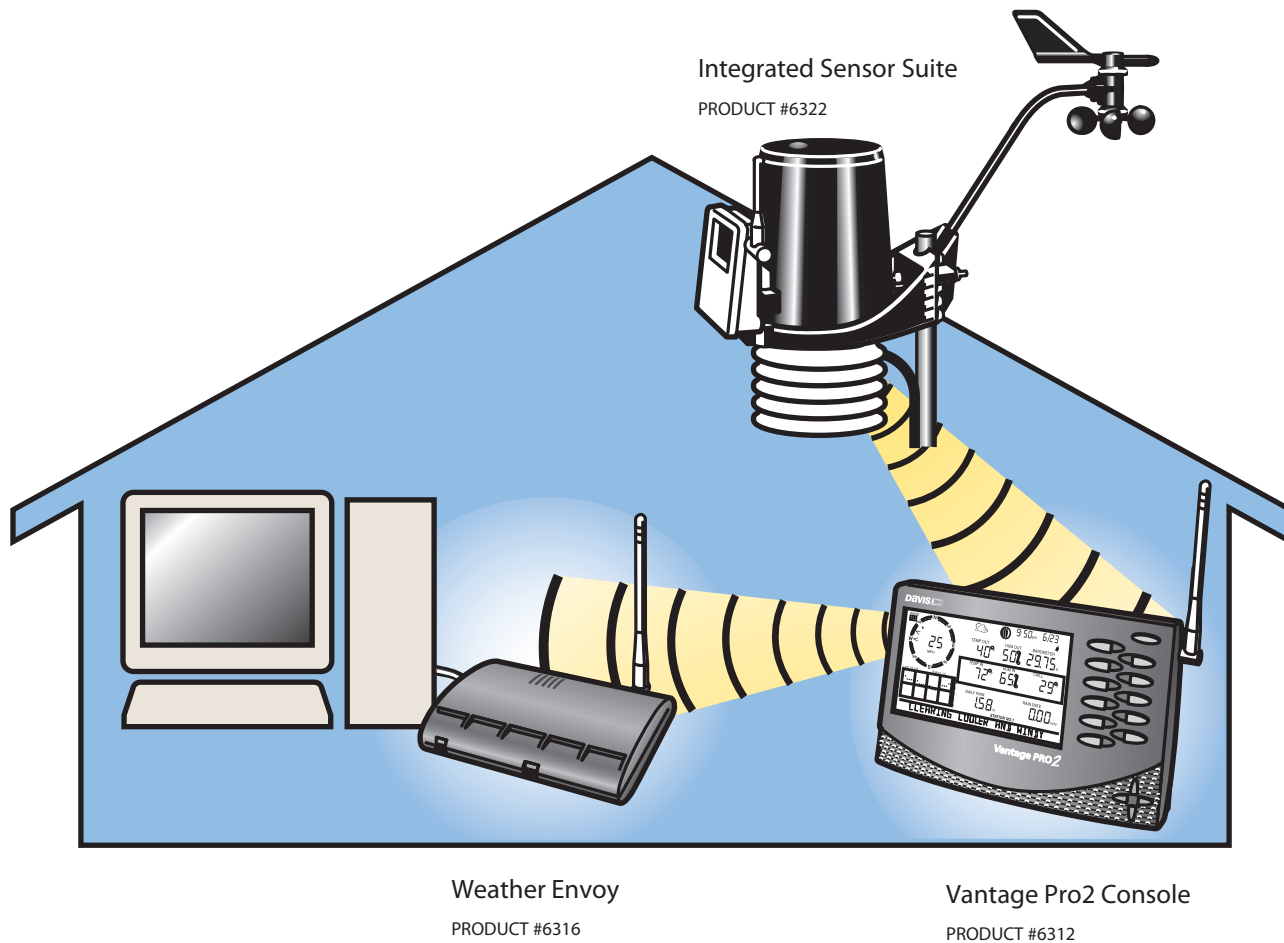
This diagram shows an Integrated Sensor Suite wirelessly connected to both a Vantage Pro2 Console and Weather Envoy, which is connected to a computer. The transmission distance between an Integrated Sensor Suite and Envoy or Console is up to 1000' (300 m) line of sight, or up to 600' (180 m) through walls and other obstructions. The cable distance between an Envoy and a computer is 8' using a USB connection. Multiple receivers (both Envoy and Vantage Pro2 consoles) can listen to the same station or set of stations.



Vantage PRO2™ INSTALLATION DIAGRAM

Vantage Pro2™ Console Retrtransmitting data to a Weather Envoy™

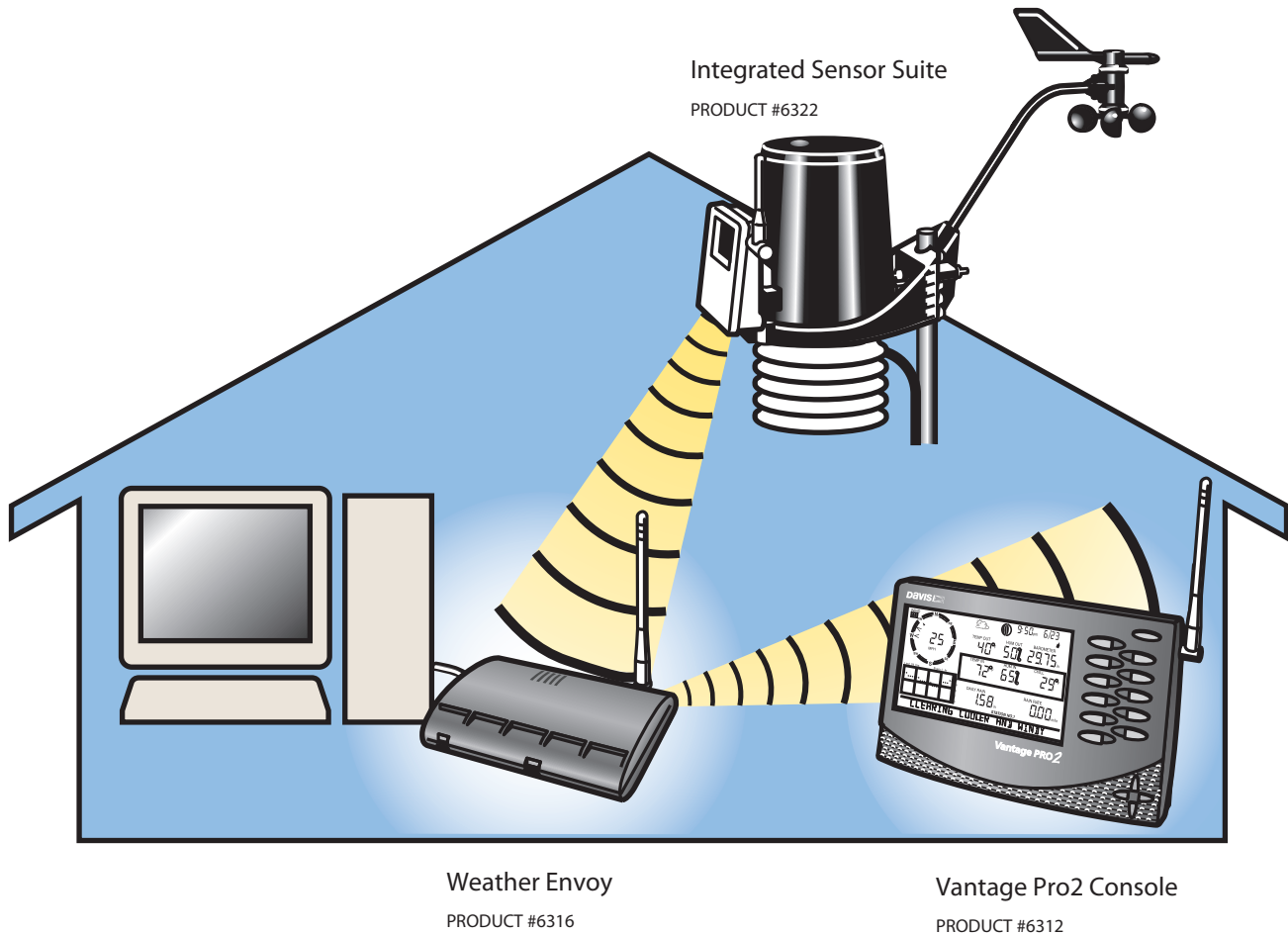
This diagram shows an Integrated Sensor Suite (ISS) wirelessly connected to both a Vantage Pro2 Console and Weather Envoy, which is connected to a computer. The Vantage Pro2 is retransmitting the ISS data to the Weather Envoy. The transmission distance between an Integrated Sensor Suite and Envoy or Console is up to 1000' (300 m) line of sight, or up to 600' (180 m) through walls and other obstructions. The cable distance between an Envoy and a computer is 8' using a USB connection. Multiple receivers (both Envoy and Vantage Pro2 consoles) can listen to the same station or set of stations.



Vantage PRO2™ INSTALLATION DIAGRAM

Weather Envoy™ Retransmitting Data to a Vantage Pro2™ Console

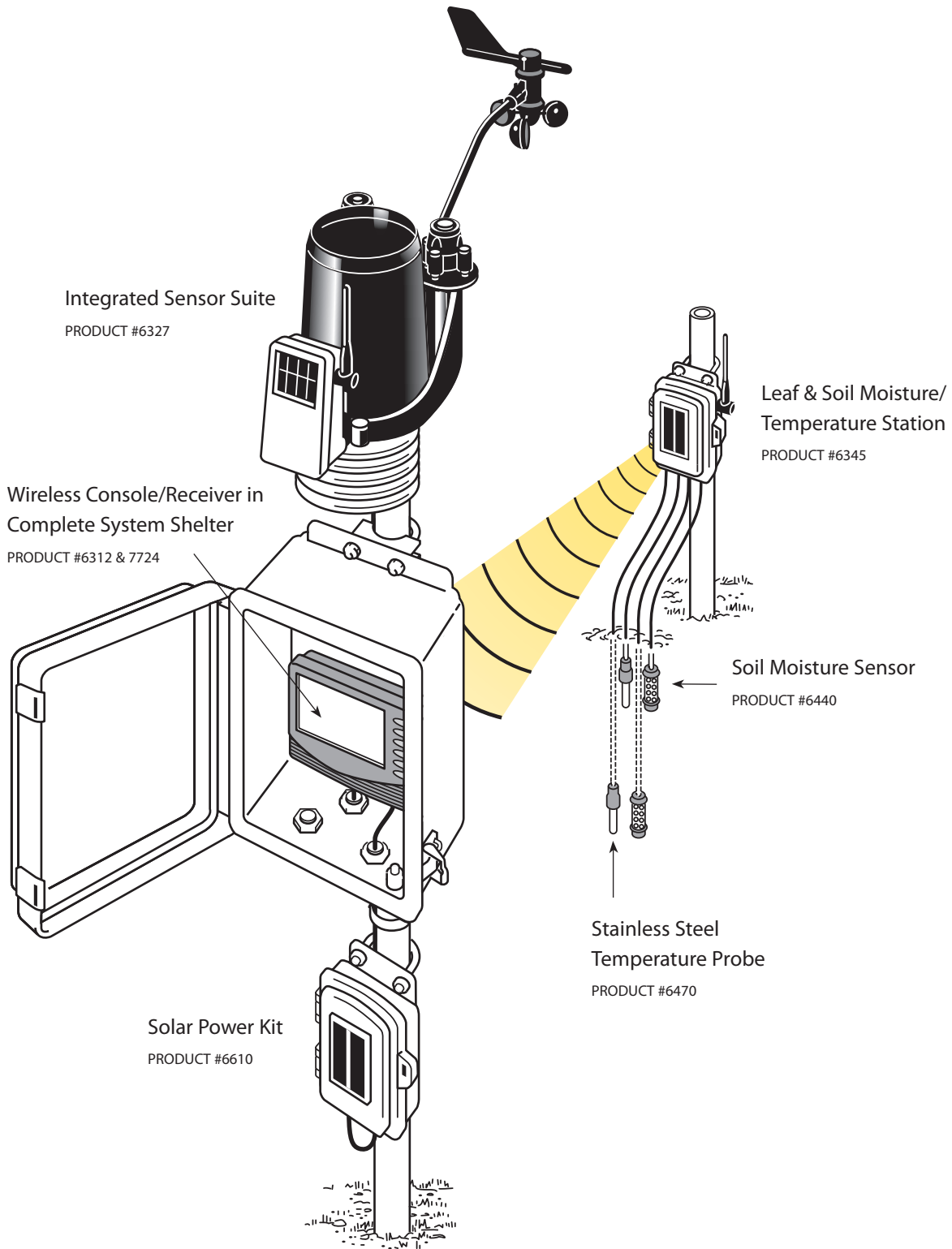
This diagram shows an Integrated Sensor Suite (ISS) wirelessly connected to both a Vantage Pro2 Console and Weather Envoy, which is connected to a computer. The Weather Envoy is retransmitting the ISS data to the Vantage Pro2. The transmission distance between an Integrated Sensor Suite and Envoy or Console is up to 1000' (300 m) line of sight or up to 600' (180 m) through walls and other obstructions. The cable distance between an Envoy and a computer is 8' using a USB connection. Multiple receivers (both Envoy and Vantage Pro2 consoles) can listen to the same station or set of stations.



Vantage PRO²™ INSTALLATION DIAGRAM

Solar-Powered Field Station Connected to Multiple Stations

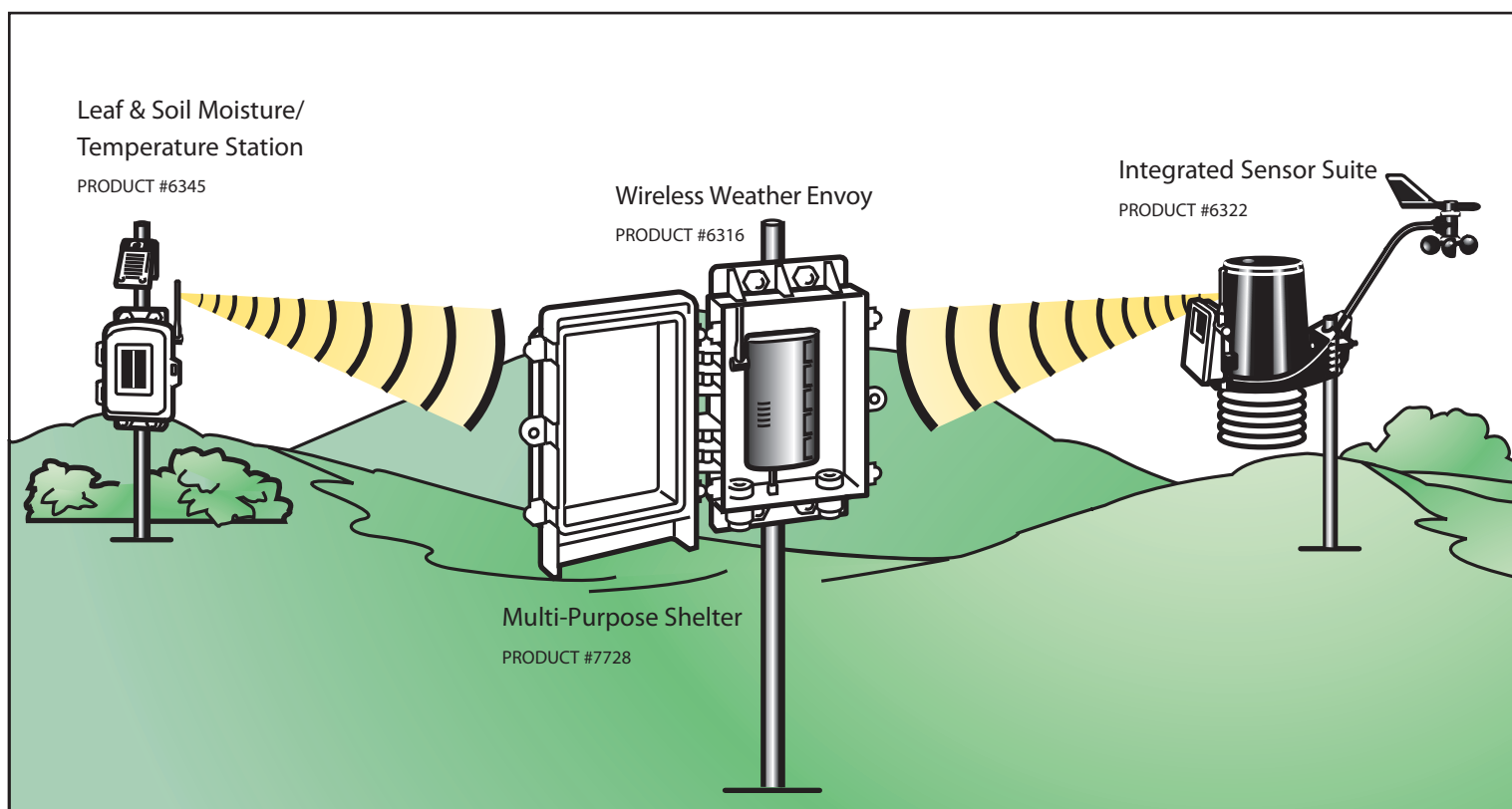
This diagram shows an Integrated Sensor Suite and a Leaf and Soil Moisture/Temperature station wirelessly connected to a field station (a console or Weather Envoy™ housed in a weatherproof Complete System Shelter) that is powered by a Solar Power Kit.



Vantage PRO²™ INSTALLATION DIAGRAM

Weather Envoy with a Wireless Field Station

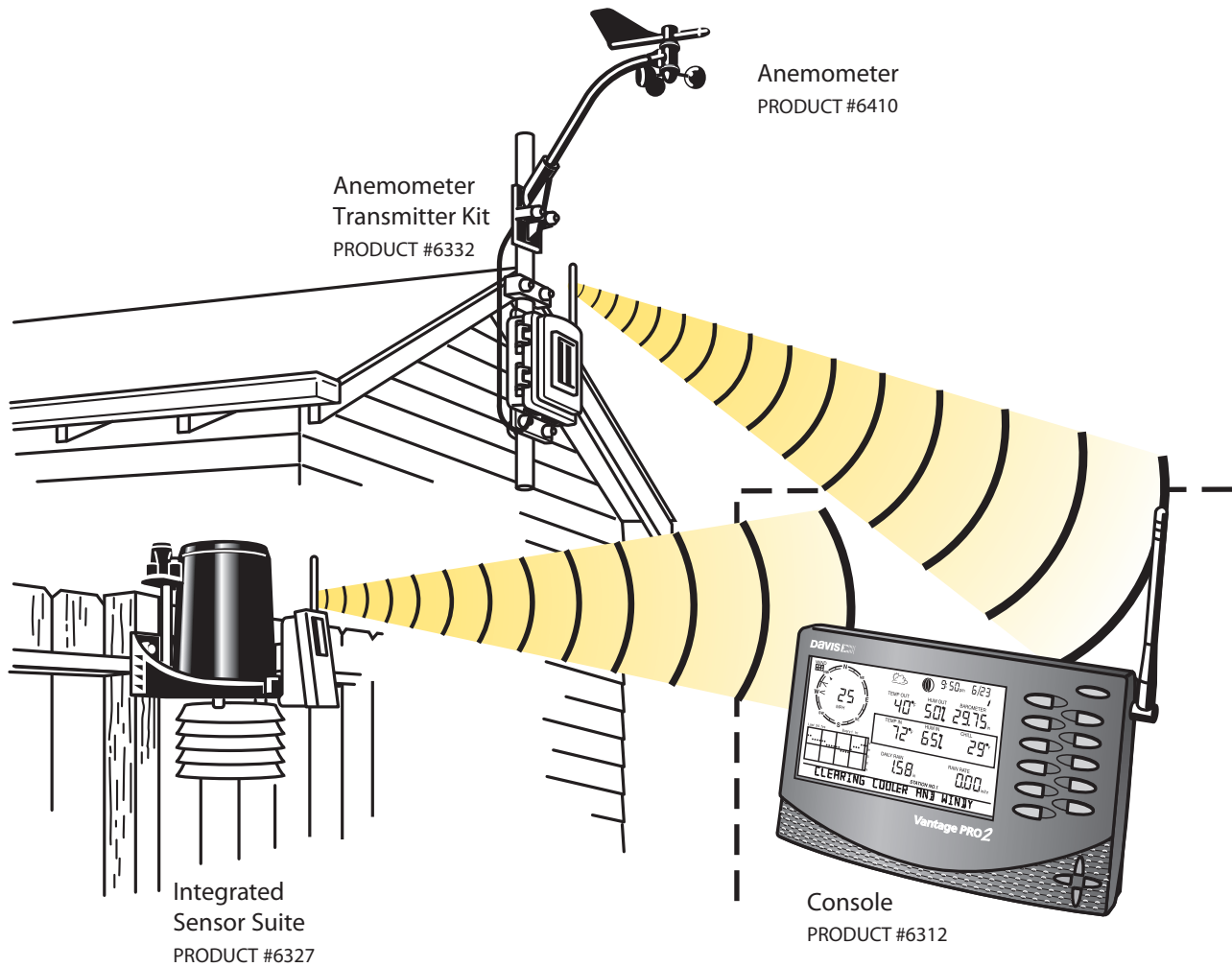
This diagram shows a wireless field station with solar power and soil moisture sensor. The field station shown is comprised of a Wireless Weather Envoy receiving wireless data from from an Integrated Sensor Suite and a Leaf and Soil Moisture/Temperature Station.



Vantage PRO2™ INSTALLATION DIAGRAM

Anemometer Transmitter Kit

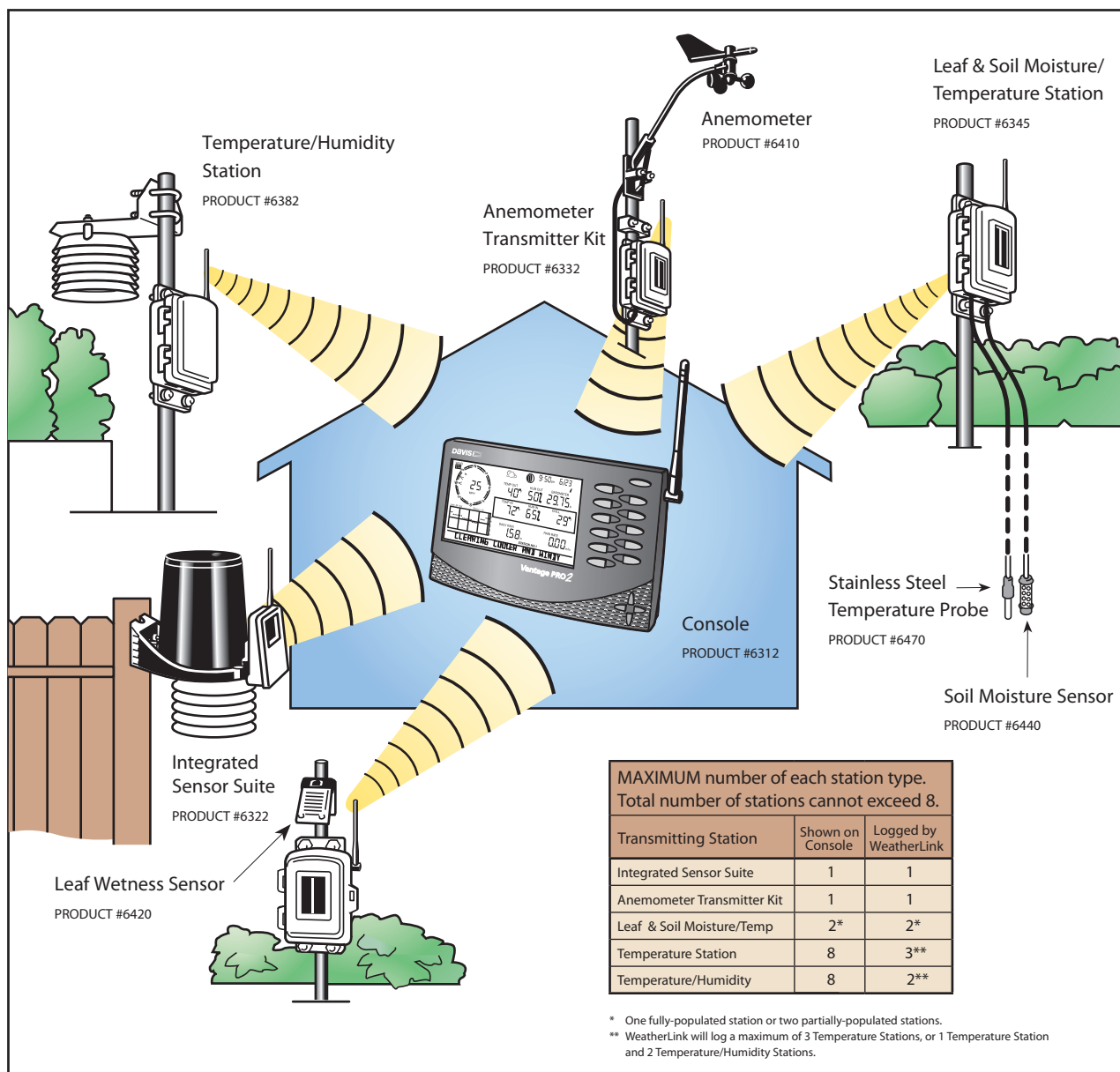
This diagram shows an Integrated Sensor Suite and an Anemometer Transmitter Kit wirelessly connected to a Vantage Pro2™ Console.



Vantage PRO2™ INSTALLATION DIAGRAM

Vantage Pro2™ Console Receiving Data from up to 8 Different Transmitting Stations

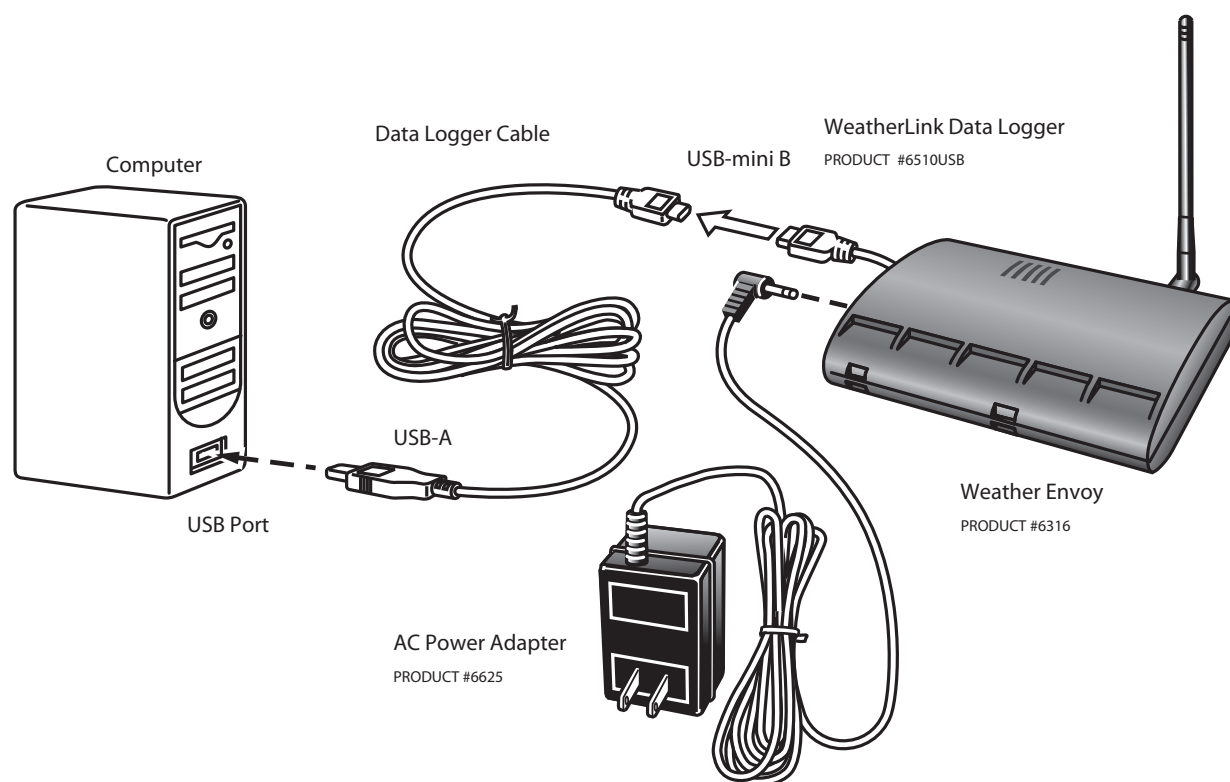
This diagram demonstrates how each Vantage Pro2 Console can receive data from up to eight different transmitting stations.



Vantage PRO2™ INSTALLATION DIAGRAM

Connecting a Wireless Weather Envoy™ to a Computer via WeatherLink®

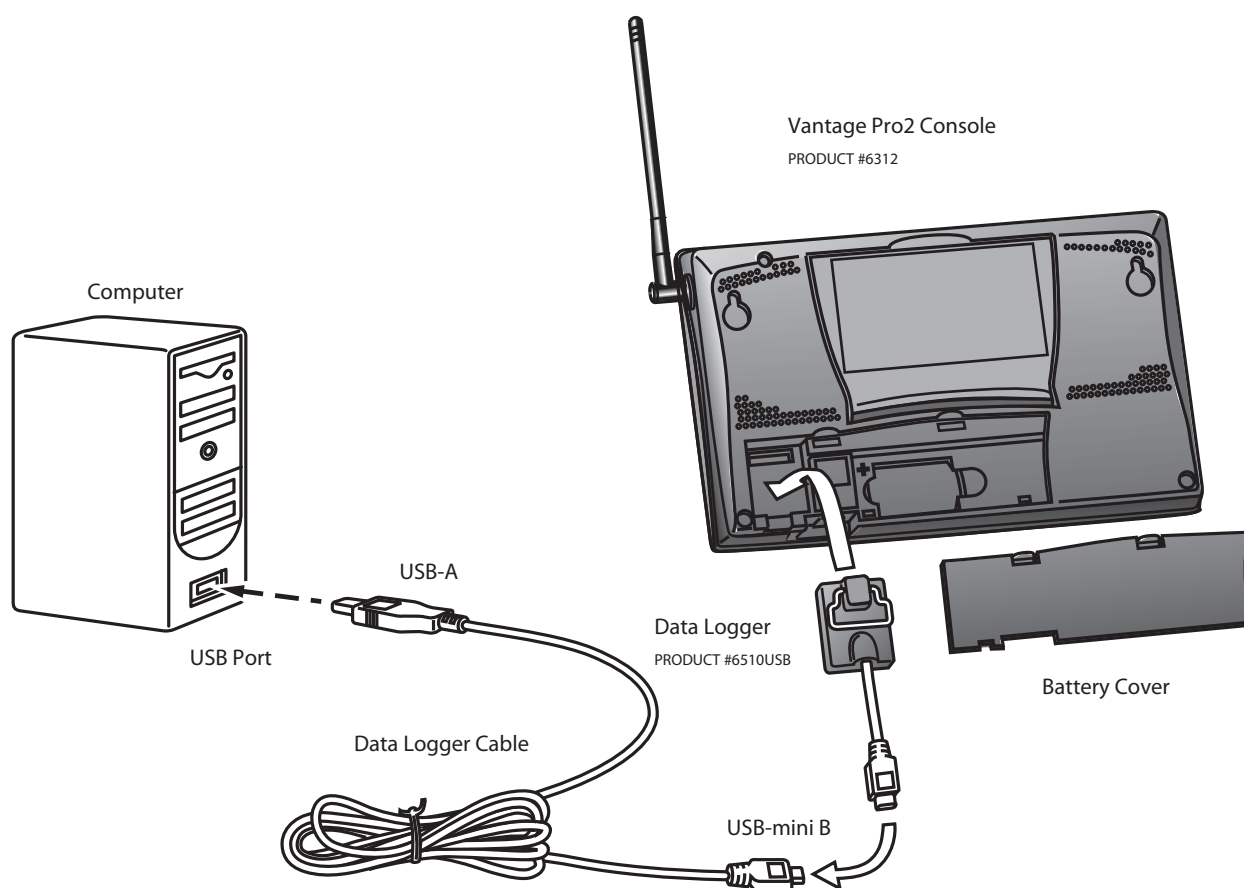
This diagram shows a Wireless Weather Envoy and a WeatherLink Data Logger connected to a computer via a USB Data Logger cable.



Vantage PRO2™ INSTALLATION DIAGRAM

Connecting a Wireless Vantage Pro2™ Console to a Computer via WeatherLink®

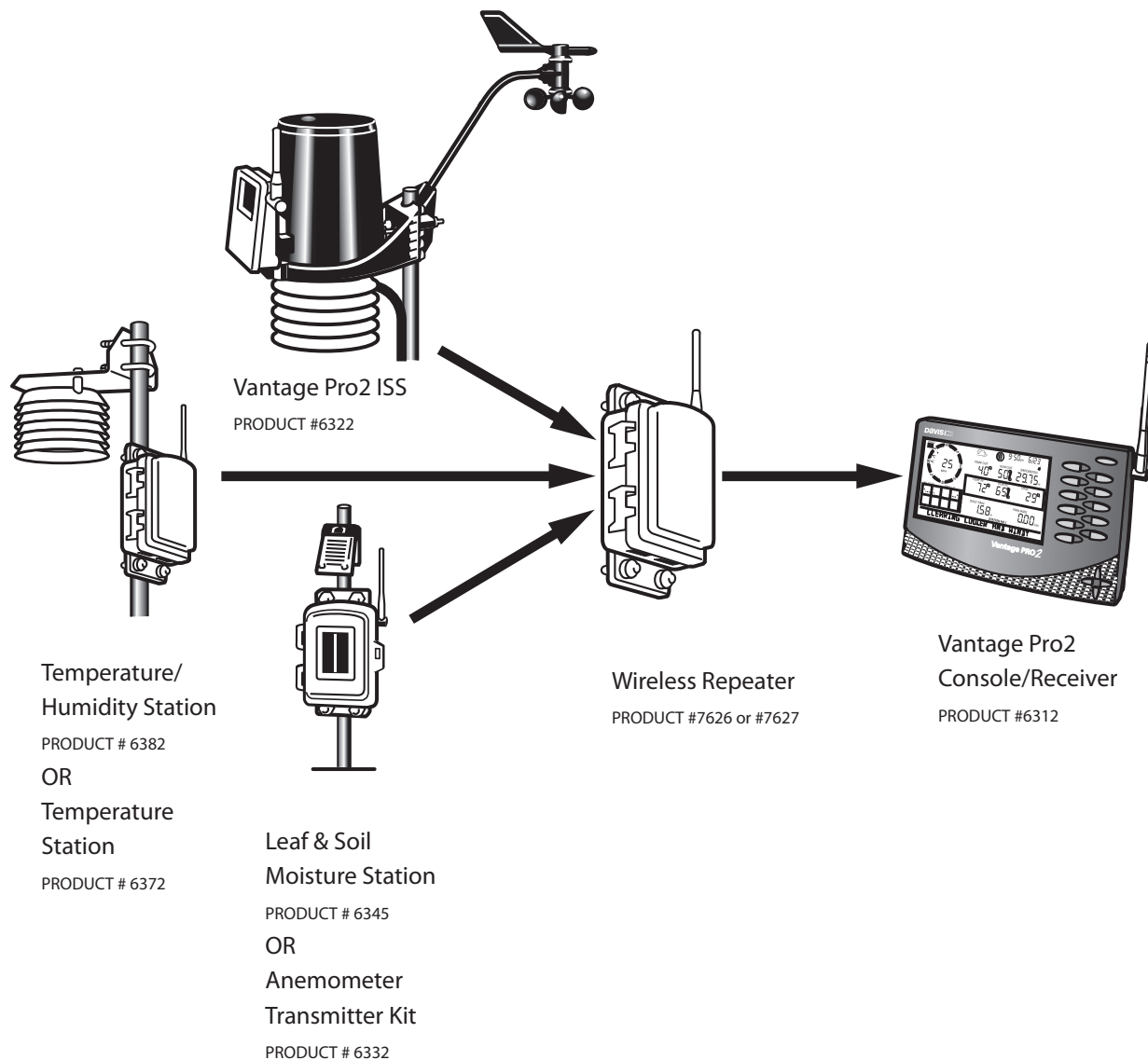
This diagram shows a Wireless Vantage Pro2 Console and a WeatherLink Data Logger connected to a computer via a USB Data Logger cable.



Vantage PRO2™ INSTALLATION DIAGRAM

Wireless Repeater Network with Multiple Stations

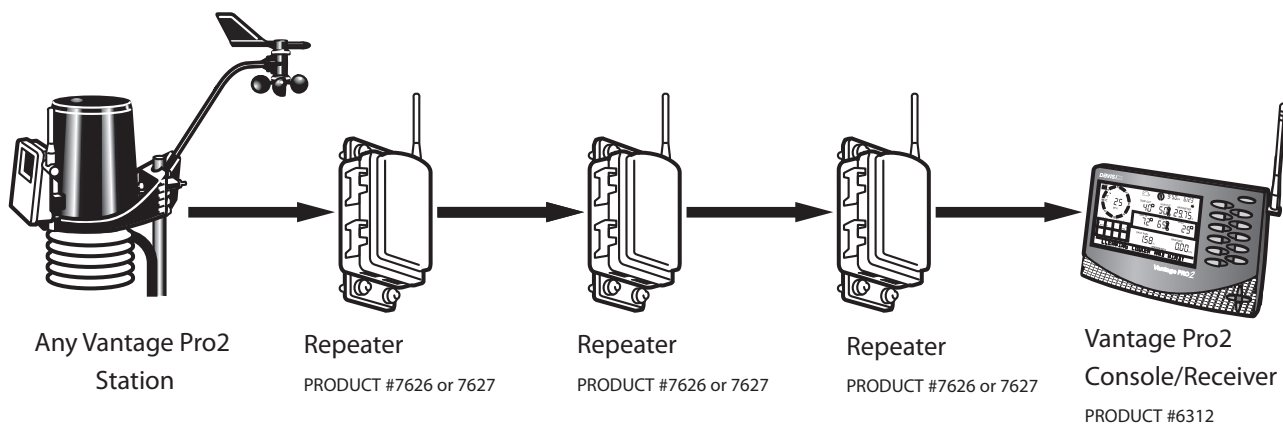
This diagram shows a Wireless Repeater network, comprised of an Integrated Sensor Suite (ISS), a Temperature/Humidity Station, and a Leaf and Soil Moisture Station, all transmitting to a Wireless Repeater. The Wireless Repeater is relaying the data from each of the three stations to a Vantage Pro2™ Console/Receiver.



Vantage PRO2™ INSTALLATION DIAGRAM

Wireless Repeater Daisy Chain (One Station, Multiple Repeaters)

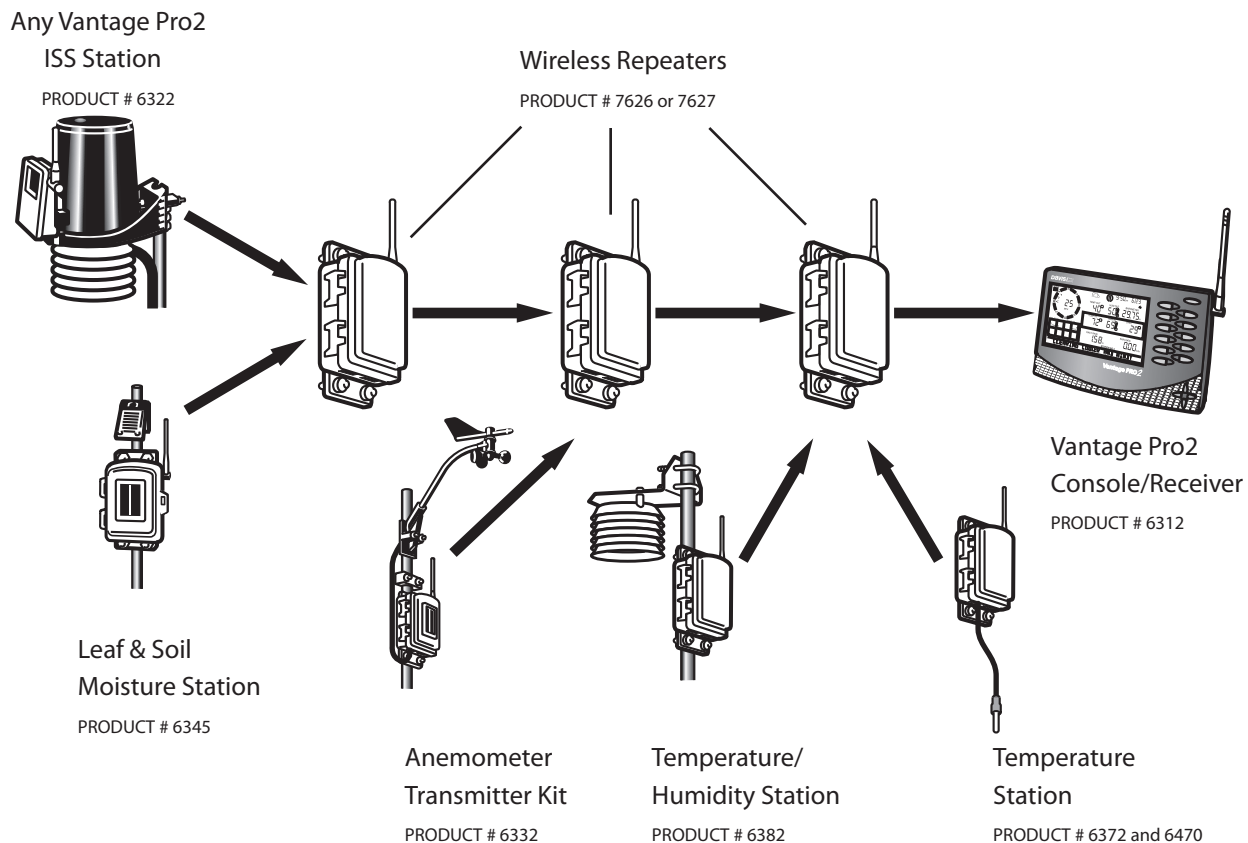
This diagram shows a Wireless Repeater network, comprised of an Integrated Sensor Suite (ISS) transmitting to a Wireless Repeater. The initial Wireless Repeater is relaying the ISS data to two (2) additional Wireless Repeaters, and the data is then relayed to a wireless Vantage Pro2™ Console/Receiver. An installation with these instruments can transmit the ISS data up to 4000' (1200 m) outdoors, line of sight. For this type of installation, typical range through walls under most conditions is 600' to 1200' (180 m to 360 m).



Vantage PRO2™ INSTALLATION DIAGRAM

Wireless Repeater Combination Network (Multiple Stations, Multiple Repeaters)

This diagram demonstrates how each Vantage Pro2™ Console can receive data from up to eight (8) different transmitting stations. In this arrangement, an Integrated Sensor Suite (ISS) is transmitting data to a Vantage Pro2 Console via a daisy chain of three (3) Wireless Repeaters. At the same time, the Wireless Repeaters are receiving and relaying data to the console/receiver from a collection of wireless instruments including a Leaf and Soil Moisture Station, an Anemometer Transmitter Kit, a Temperature/Humidity Station, and a standalone Temperature Station with a Stainless Steel Temperature Probe.



Vantage PRO2™ INSTALLATION DIAGRAM

Wireless Repeater First In Chain Network

This diagram shows a Wireless Repeater network, comprised two separate sets of repeaters. On one section of the network an Integrated Sensor Suite (ISS) is transmitting data to a Wireless Repeater, which relays the ISS data to a Vantage Pro2™ or Weather Envoy™ 2 Console. On another section of the network a Temperature/Humidity Station can simultaneously transmit data to an initial Wireless Repeater, which relays the data to a second repeater, which in turn relays the data to a Vantage Pro2 or Weather Envoy 2 Console.

