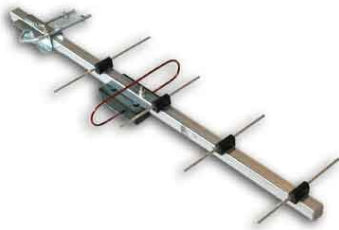




Davis Repeater Options for Pro2

Product Images





Short Description

Wireless Repeaters to extend the range of signal to your Console or Envoy

Description

This collection of repeaters extend the range of a wireless Vantage Pro2 system. By adding one or more repeaters the distance between the ISS and the base station can be multiplied several times. The standard repeaters offer up to 300 metres each and the long range units up to 900 metres depending on the aerial configuration

Explanation	<p>These modules offer solutions to either distance or difficult installations where you might need to bounce a signal around something that blocks your signal. Up to 8 repeaters can be used to cover a distance with the sensors being attached to the "chain" at any point. Each standard repeater covers up to 300 meters. The long range repeaters cover up to an additional 900 metres over open ground and depending on the aerial configuration</p> <p>Suitable Omni and Yagi aerials must be purchased for use with the long range repeaters.</p>
Contents	<p>Solar powered units are supplied with an LR123 Lithium back up battery. AC powered versions are supplied 230V UK mains adapters (a 230V EU adapter can be substituted for EU orders).</p> <p>Long range aerials are supplied with 1.5 meter cables with plugs fitted.</p> <p>Yagi Aerial measures 510mm in length and 155mm at its widest point. Colinear Dipole Aerial measures 620mm in length and 25mm in diameter.</p>
Ideal For	Professional, Education, Agronomy
Installation	<p>The units are simple to mount and will fix to a wall, fence or post. Consideration should be given to the wireless signal propagation.</p> <p>For long range repeaters with single hops we recommend having the repeater closer to the base station using a Yagi to receive and an Omni to retransmit. In Europe the maximum permissible gain on the transmit would be using a 5db Yagi. This can be increased on the receive but the aerial will become more directionally sensitive as the gain increases.</p>

Products in this set



Yagi Aerial

noweb



Long Range Repeater - Solar

The VP2 solar powered long-range repeater can extend the transmission range up to 2 miles.



Colinear Dipole Aerial

noweb



Davis Wireless Repeater - Solar Powered

For longer distances, or to improve reception in troublesome areas, add one or more Wireless Repeaters. Transmitting and receiving range for each repeater is up to 1000' (300 m) outdoors, line of sight;