



## ESTACIONES AGROMETEOROLÓGICAS

# VANTAGE VUE

## ESPECIFICACIONES TÉCNICAS

**DAVIS** **ESPECIFICACIONES TÉCNICAS**

Las condiciones climáticas locales pueden cambiar en distancias cortas. Una estación meteorológica local proporciona una descripción general del clima en su área, pero es posible que esto no refleje el microclima en su patio trasero. La estación meteorológica Davis Vantage Vue es la solución perfecta para cualquier persona que desee información meteorológica hiperlocal en tiempo real. Las estaciones meteorológicas Vantage Vue han proporcionado datos vitales a propietarios de viviendas, agricultores, jardineros, educadores, líderes comunitarios, entusiastas de la recreación al aire libre, investigadores, empresas y entusiastas del clima durante muchos años.



CARACTERÍSTICAS

Integrated Sensor Suite (ISS)

|   |  |
|---|--|
| Operating Temperature .....               | -40° to +150°F (-40° to +65°C)   |
| Non-operating (Storage) Temperature ..... | -40° to +158°F (-40° to +70°C)   |
| Current Draw .....                        | 0.20 mA (average), 30 mA (peak) at 3.3 VDC   |
| Solar Power Panel .....                   | 0.5 Watts  |
| Battery .....                             | CR-123 3-Volt Lithium cell   |
| Battery Life (3-Volt Lithium cell) .....  | 8 months without sunlight - greater than 2 years depending on solar charging   |
| Wind Speed Sensor .....                   | Wind cups with magnetic detection  |
| Wind Direction Sensor .....               | Wind vane with magnetic encoder  |
| Rain Collector Type .....                 | Tipping spoon, 0.01" per tip (0.2 mm with metric rain cartridge, Part No. 7345.319), 18.0 in <sup>2</sup> (116 cm <sup>2</sup> ) collection area |
| Temperature Sensor Type .....             | PN Junction Silicon Diode  |
| Relative Humidity Sensor Type .....       | Film capacitor element   |
| Housing Material .....                    | UV-resistant ABS & ASA plastic   |
| ISS Dimensions .....                      | 12.95" x 5.75" x 13.40" (329 mm x 146 mm x 340 mm)   |
| Package weight: .....                     | 5.44 lbs (2.47 kg)   |

Console Specifications

|  |   |
|--|---|
| Console Operating Temperature .....          | +32° to +140°F (0° to +60°C)  |
| Non-Operating (Storage) Temperature .....    | +14° to +158°F (-10° or +70°C)  |
| Console Current Draw .....                   | 0.9 mA average, 30 mA peak,<br>(add 120 mA for display lamps, add 0.125 mA for each transmitter station received by console) at 4.4 VDC |
| Power Adapter .....                          | 5 VDC, 1000 mA  |
| Battery Backup .....                         | 3 C-cells   |
| Battery Life (no AC power) .....             | Up to 9 months (approximately)  |
| Housing Material .....                       | UV-resistant ABS plastic  |
| Console Display Type .....                   | LCD Transflective   |
| Display Backlight .....                      | LEDs  |
| Dimensions:                                  |   |
| Console (with antenna) .....                 | 7.5" x 5.75" x 4.5" (190 mm x 146 mm x 114 mm)  |
| Console (with antenna) mounted on wall ..... | 7.5" x 7.0" x 3.0" (190 mm x 178 mm x 76 mm)  |
| Display .....                                | 4.13" x 3.0" (105 mm x 76 mm)   |
| Weight (with batteries) .....                | 1.48 lbs. (.67 kg)  |



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