

# Davis Digitar

## INSTRUMENTS



**Davis**   
Davis Instruments

**New Antenna Design!**  
LCD DISPLAY

Vantage Pro

Fan-aspirated shield  
Page 6

가  
가  
Page 6

**Weather Envoy** Vantage Pro

Page 8

**WeatherLink**

IBM  
Page 12

**Davis** DAVIS 가  
Page 12

DAVIS

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Photo by Gary Oldham, Ashburn, VA

Vantage pro

90x150mm

가  
가

1

16

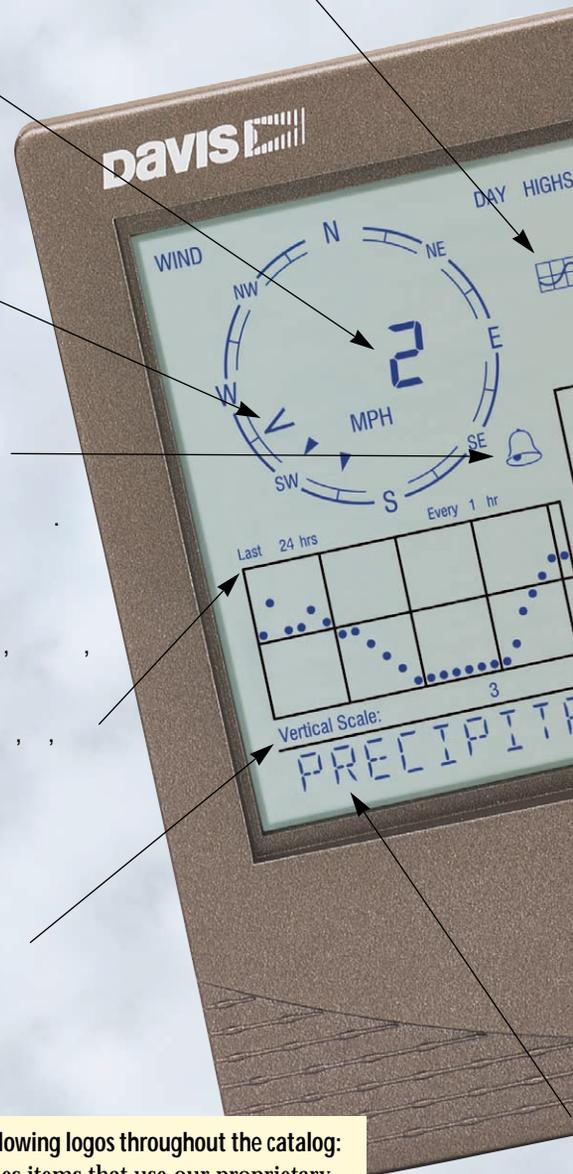
70

80가 가

가

Vertical scale

가



Look for the following logos throughout the catalog:



Identifies items that use our proprietary wireless protocol. Mix and match them to create the system that suits your needs.



Identifies the stations or sensors that are NIST-traceable. See page 19 for details.



1 24 , 1

8

가

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(葉露)

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가

100 가

Optional sensors or stations are required to view additional temperatures or humidities, soil moisture, UV index, solar radiation, and evapotranspiration.

Vantage Pro®

All Vantage Pro consoles use the new wind chill formula adopted by the National Weather Service, for more accurate readings of how cold it really feels!



12m  
0.01inch 0.1mm

가 가

12m 가 가

가 가



Vantage Pro U.S

AC-power adapter가,	C'type-	가
Battery가		100'(30m)
가		40'(12m)
Kit		400'(120m)
Vantage Pro Plus		23~46m 가

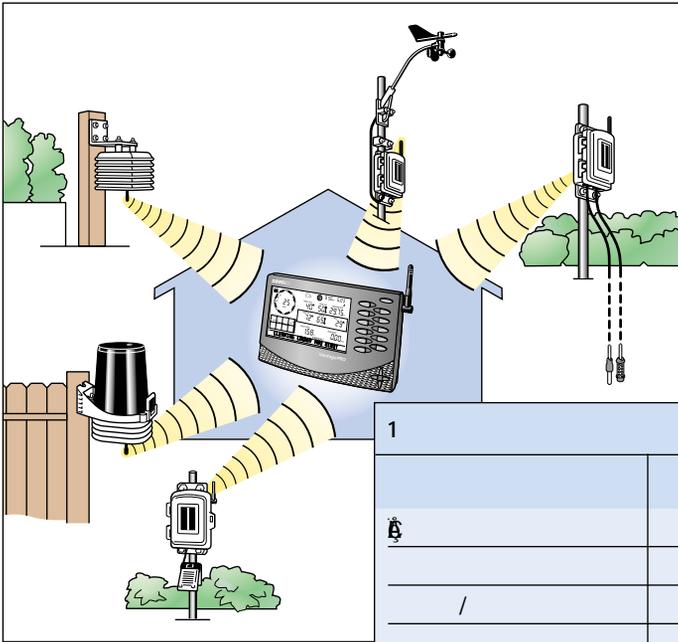
Vantage Pro  
가

Vantage Pro

8가

가 7가

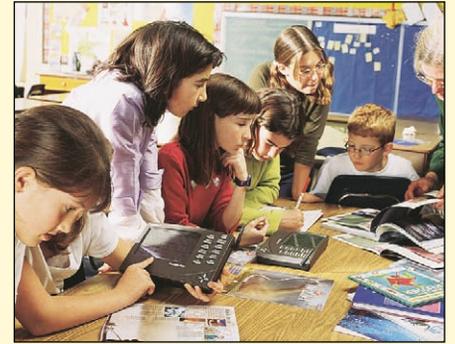
Van-  
tage Pro  
Van-  
tage Pro Plus  
Vantage  
Pro 8가



	1	8
	Shown on Console	Logged by WeatherLink
☼	1	1
	1	1
/	1	1
	8	3*
/	8	2*

\* WeatherLink 3 1 2 /

8



가 ...



가



See page 19 for extension cables.



See page 15 for details on UV and solar radiation sensors.

Vantage Pro

- 가
- 가
- 가
- 가
- 가
- Complete System Shelter 가 가
- RF 가

Vantage Pro® Plus  
Vantage Pro

- 가
- 가
- 가
- 가

6150 Wireless Vantage Pro  
6150C Cabled Vantage Pro



6160 Wireless Vantage Pro Plus  
6160C Cabled Vantage Pro Plus



shield

AC

Vantage Pro shield

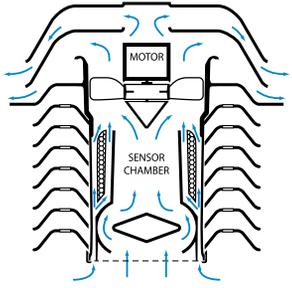
67m

fan-aspirated radiation 가

36m

For more details on our Fan-Aspirated Radiation Shield, see our Study of Radiation Shield Effectiveness on our website at [www.davisnet.co.kr/links](http://www.davisnet.co.kr/links)

New Design!



Fan-Aspirated Radiation Shield



Vantage Pro® with Fan-Aspirated Radiation Shield  
Vantage Pro station



Vantage Pro® Plus with Fan-Aspirated Radiation Shield  
Vantage Pro Plus station

shield가

fan aspirated radiation



shield가

fan aspirated radiation



6151 Wireless Vantage Pro  
Solar-Powered Fan-Aspirated Radiation Shield  
6151C Cabled Vantage Pro  
AC-Powered Fan-Aspirated Radiation Shield

6161 Wireless Vantage Pro Plus  
Solar-Powered Fan-Aspirated Radiation Shield  
6161C Cabled Vantage Pro Plus  
AC-Powered Fan-Aspirated Radiation Shield



Anemometer Transmitter Kit  
Vantage Pro Vantage Pro Plus

120m

wireless repeater



6330 Anemometer Transmitter Kit



Wireless Temperature Station

2.6m

Echo Echo Plus, WeatherEnvoy WeatherLink 가 Weather-

1



6370 Wireless Temperature Station



Radiation Shield

가 radiation shield

1

WeatherEcho, Weather Envoy, Weather Link



6380 Wireless Temperature/Humidity Station with Standard Radiation Shield



Fan-Aspirated Radiation Shield

가

VantagePro, WeatherEcho, EchoPlus, Weather Envoy, Weather Link



6385 Wireless Temperature/Humidity Station with Fan-Aspirated Radiation Shield



Wireless Repeaters

1.5km

Wireless repeater 120m, 23~46m

가 8 repeater

8 repeater

가

7624 Wireless Repeater, AC-Powered  
7625 Wireless Repeater, Solar-Powered



Wireless Leaf & Soil Moisture/Temperature Station

가 2 3  
3

Weather Envoy, Weather Link



6343 Wireless Leaf & Soil Moisture/Temperature Station



Leaf Wetness Sensor

0 ( )

15 ( )  
Leaf&Soil Moisture/Temperature  
가 가 , 12m

6420 Leaf Wetness Sensor

Soil Moisture Sensor

가

가 가 4.6m

6440 Soil Moisture Sensor



Stainless Steel Temperature Probe

64mm

Leaf&Soil Moisture/Temperature  
3 가 가

4.6m

6470 Stainless Steel Temperature Probe



# Vantage Pro Options

Weather Echo Echo Plus

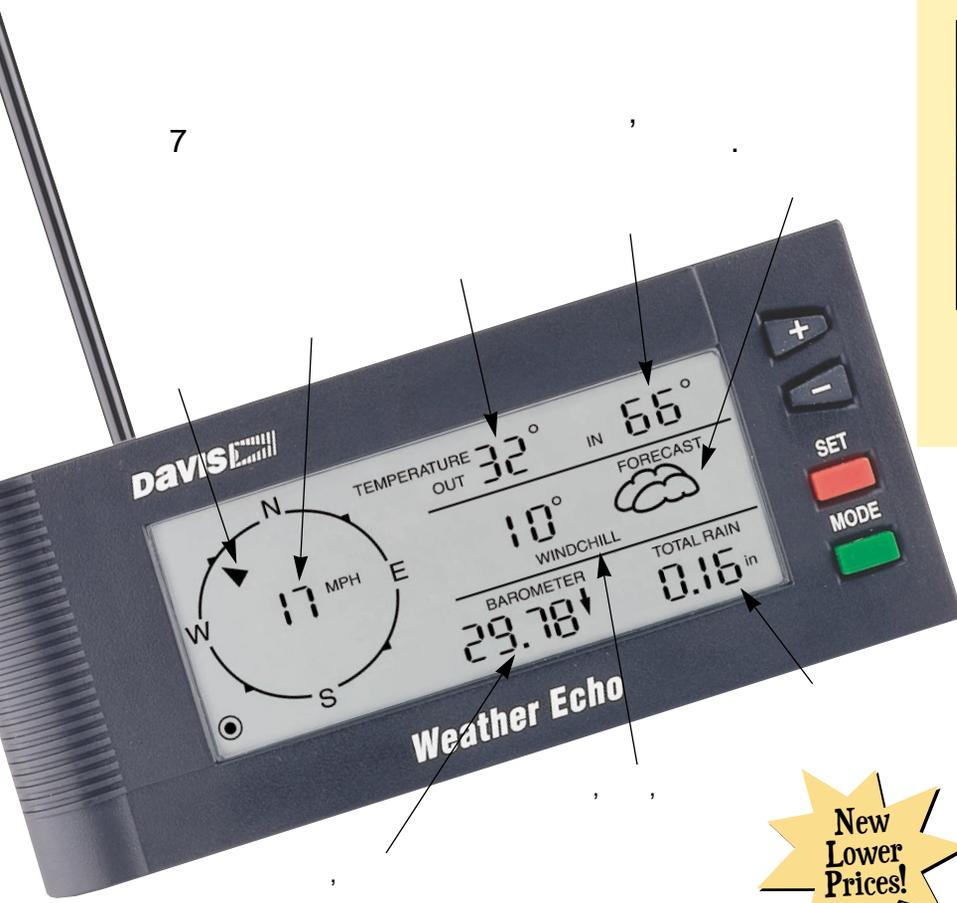
ID 8

가 가 ID

Weather

Echo Echo Plus 가 120m , 23~46m

7



**New Lower Prices!**



Vantage Pro



Vantage Pro

## Weather Echo™

1 3V Lithium 가

7602 Weather Echo



## Weather Echo Plus™

Weather Echo Backlight 가 AC 가 Backlighting 가

7603 Weather Echo Plus



6320 with Standard Radiation Shield



6326 with Solar-Powered Fan-Aspirated Shield

## Integrated Sensor Suite

Weather Envoy Weather Link 가 Vantage Pro 가

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Wireless Integrated Sensor Suite

6320 with Standard Radiation Shield 6321 with Solar-Powered Fan-Aspirated Radiation Shield



NIST

Cabled Integrated Sensor Suite

6320C with Standard Radiation Shield 6321C with AC-Powered Fan-Aspirated Radiation Shield

## Integrated Sensor Suite Plus

Weather Envoy Weather Link 가 Vantage Pro Plus 가

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Wireless Integrated Sensor Suite Plus

6325 with Standard Radiation Shield 6326 with Solar-Powered Fan-Aspirated Radiation Shield



NIST

Cabled Integrated Sensor Suite Plus

6325C with Standard Radiation Shield 6326C with AC-Powered Fan-Aspirated Radiation Shield



## Vantage Pro Console/Receiver

Page2~3



NIST

6310 Vantage Pro Console/Receiver

		VantagePro 2	Perception II	Weather Wizard III	Weather Monitor II			
						0.1mm	: 999.9mm :1999.9mm :1999.9mm	±5%
						:0.1D-Day :0.1D-Day :1D-Day	:220D-Day :220D-Day :19,999D-Day	
						1 1cb	0~15 0~200cb	0.5
( -300~3800m)		✓	✓		✓	0.1mmHg	660~810mmHg	0.8mmHg
		✓	✓		✓	0.1mb	880~1080mb	1.0mb
		✓				0.1hPa	880~1080hPa	1.0hPa
	3	✓				0.5mm(0.7mb) 1.5mm(2mb)	5	
	1		✓		✓	5mm (0.7mb,0.7hPa)	3	
		✓	✓		✓	1%	10~90%	5%
		✓				1%	0~100%	3%
		✓				1	-76~54	1.5
		✓				0.2mm (2000mm 1mm)	: 0~9999mm : 0~9999mm : 0~19,999mm : 0~19,999mm	4%
						0.2mm	: 0~819mm : 0~9999mm	4%
		✓				0.1mm	0~1999.9mm/hr	5%
/						1w/m <sup>2</sup>	0~1800w/m <sup>2</sup>	5%
						PC:0.1J/cm <sup>2</sup>	PC:1999.9J/cm <sup>2</sup>	5%
						0.1MEDs	0~199MEDs	5%
						0.1	0~16	5%
		✓	✓	✓	✓	0.1	0~60	0.5
		✓		✓	✓	0.1	-40~65	0.5
	/					1	-40~65	0.5
	/	✓				1	-40~57	1.5
	/ / /					1	-68~64	2
		✓		✓	✓	1	-79~54	1
/		✓	✓	✓	✓	1	24	8sec/mo
		✓	✓	✓	✓	/		8sec/mo
	/	✓				1		
		✓		✓	✓	1°	0~360°	7°
				✓	✓	10°	0~360°	7°
		✓		✓	✓	22.5°	16	7°
		✓		✓	✓	0.1m/s 1km/hr	1~67m/s 3~241km/hr	5%
		✓		✓	✓	22.5°	16	7°

✓