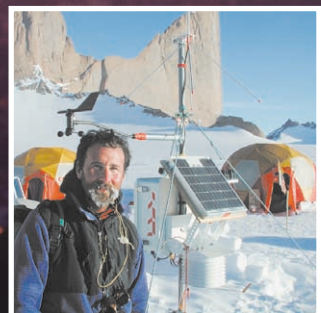


Davis Digital

INSTRUMENTS



Davis 
Davis Instruments

2004 CATALOG

**New
Antenna
Design!**
LCD DISPLAY

Vantage Pro

Vantage pro

90x150mm

Fan-aspirated shield
Page 6

/

가

가 Page 6

Weather Envoy Vantage Pro

Page 8

WeatherLink

IBM
Page 12

가

Davis DAVIS 가 Page 12

DAVIS

513-15

608

Tel: (031) 777-1588

Fax (031) 777-1587

www.davisnet.co.kr

korins@korins.com



Photo by Gary Oldham, Ashburn, VA

가
가

가

가

1

16

70

80가 가

가

Vertical scale

가



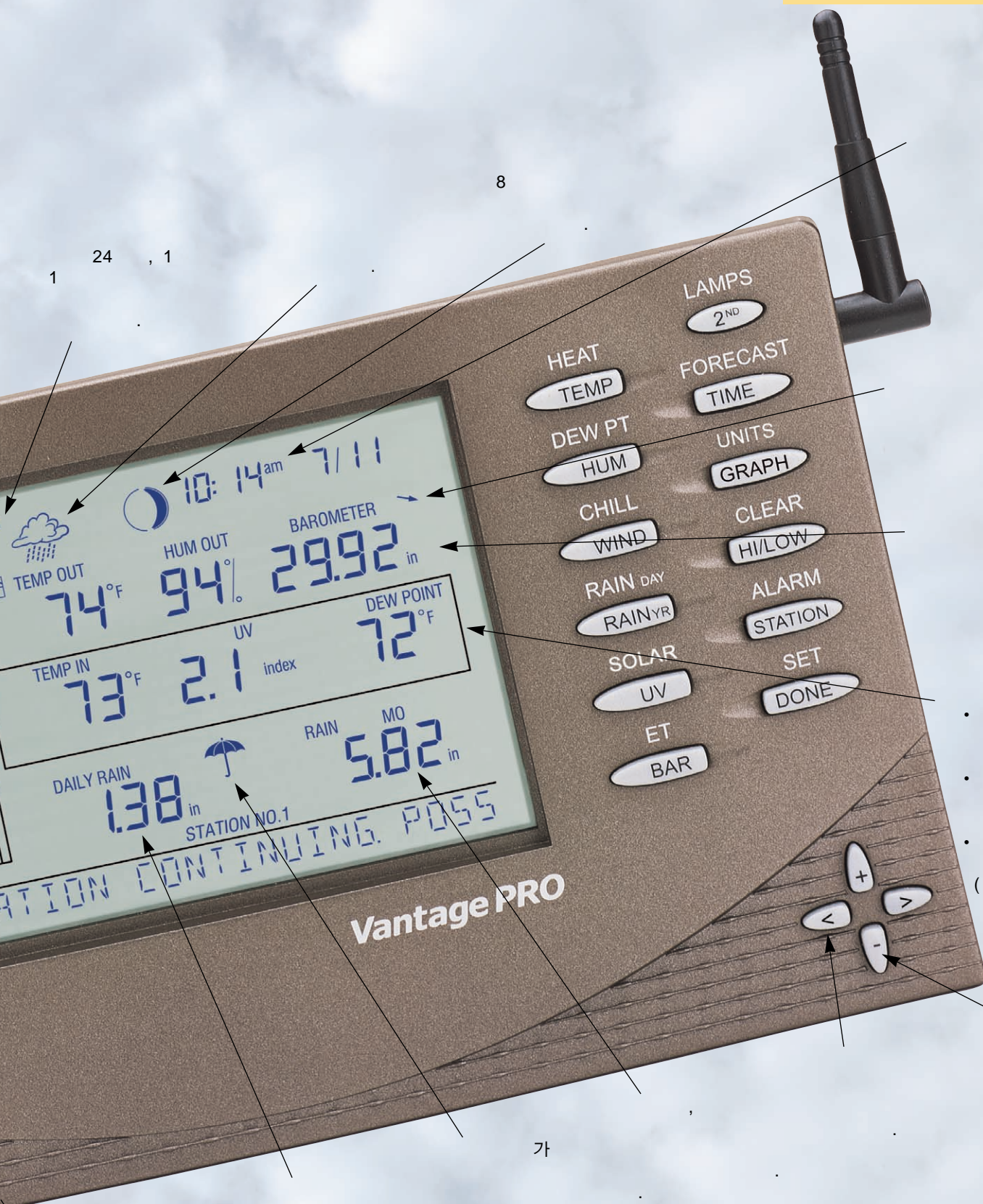
Look for the following logos throughout the catalog:



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.



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

가

가

8

가

가

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!



가 가



12m
가 가

가 가



가 가

12m

가 가

가

0.01inch 0.1mm

가

가

.(
)

가



Advantage Pro U.S.

AC-power adapter 交流电源适配器

'C'type-

Battery가

• 가
100'(30m) .

가

- 40'(12m)

- **Kit**

Vantage Pro Plus

(120m) 400' 가

23~46m
가

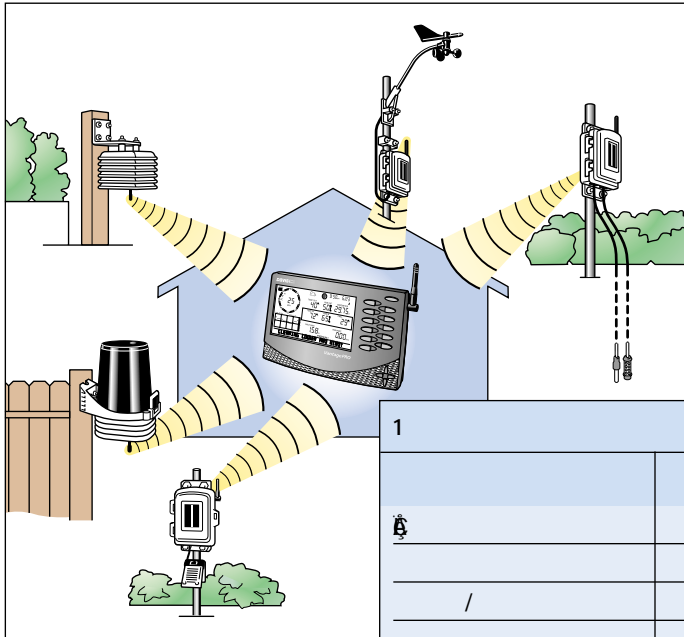
Vantage Pro
가

Vantage Pro

8가

가 7가

Van-
tage Pro
tage Pro Plus
Vantage
Pro 8가



8

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

* WeatherLink 3 1 2 /



가 ...



가



Vantage Pro

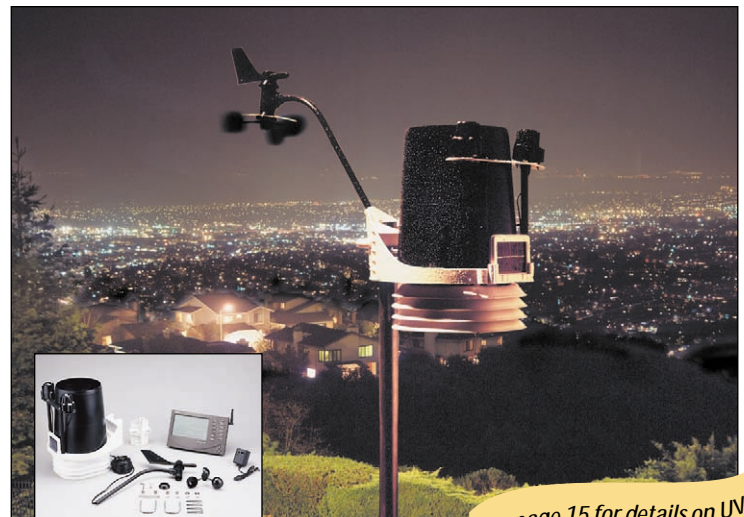
- 가
- 가
- 가

- 가
- Complete System Shelter
- RF 가

6150 Wireless Vantage Pro
6150C Cabled Vantage Pro



www.davisnet.co.kr



Vantage Pro® Plus Vantage Pro

- 가
- 가
- 가

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



6160 Wireless Vantage Pro Plus
6160C Cabled Vantage Pro Plus

shield

Vantage Pro
shield

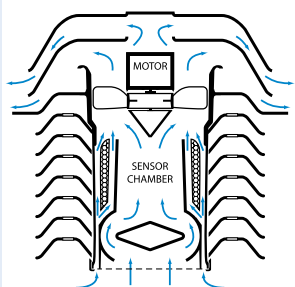
fan-aspirated radiation
가

AC

67m

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



Fan-Aspirated Radiation Shield

3



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

shield가

fan aspirated radiation



NIST

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



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

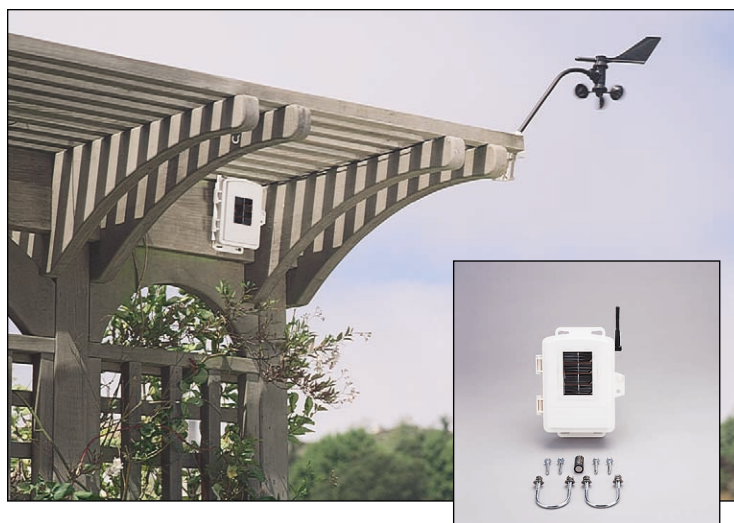
shield가

fan aspirated radiation



NIST

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

VantagePro /
Echo Echo Plus, WeatherEnvoy WeatherLink 가
1

Weather-



NIST

6370 Wireless Temperature Station

New Design!



Radiation Shield

가 radiation shield

1

WeatherEcho, Weather Envoy, Weather Link



NIST

6380 Wireless Temperature/Humidity Station
with Standard Radiation Shield



Fan-Aspirated Radiation Shield

가

VantagePro, WeatherEcho, EchoPlus, Weather Envoy, Weather Link



NIST

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



New!



Wireless Leaf & Soil Moisture/Temperature Station

가

2

3

3

VantagePro

Weather Envoy, Weather Link



NIST

6343 Wireless Leaf & Soil Moisture/Temperature Station



Leaf Wetness Sensor

15 ()

Leaf&Soil Moisture/Temperature

가 가 , 12m

6420 Leaf Wetness Sensor

Soil Moisture Sensor

가

가 가

Leaf&Soil Moisture/Temperature

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

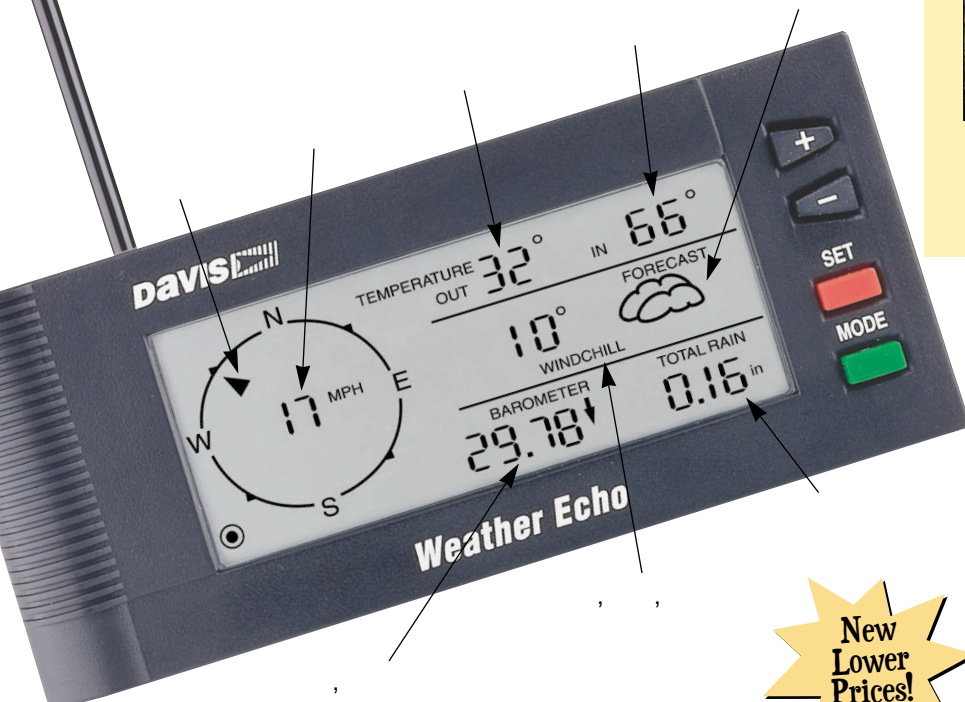
Echo Plus

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

가

Backlight

AC

가

Backlighting

가

7603 Weather Echo Plus



NIST



6320 with Standard Radiation Shield



6326 with Solar-Powered Fan-Aspirated Shield

Integrated Sensor Suite

Weather Envoy Weather Link

가

Vantage Pro

가

Page4~6

Wireless Integrated Sensor Suite

6320C 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

Page4~6

Wireless Integrated Sensor Suite Plus

6325C 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 ²	0 ~ 1800w/m ²	5%
						PC:0.1J/cm ²	PC:1999.9J/cm ²	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°
		✓		✓	✓	0.1 ^{m/s} 1km/hr	1 ~ 67 ^{m/s} 3 ~ 241km/hr	5%
		✓		✓	✓	22.5°	16	7°

✓

-