



816



816B



816BL

Bluetooth

Anemometer

Basic function	816	816B/816BL
Measurement items	Air velocity, Air temperature	Air velocity, Air temperature
Range of air velocity	0~30m/s, 0~90km/h, 0~5860ft/min, 0~55knots, 0~65mph	0~45m/s, 0~140km/hr, 0~8800ft/min, 0~88knots, 0~100mph
Accuracy of air velocity	±5%	±3%
Range of air temperature	-10~45°C, -14~113°F	0~45°C, 32~113°F
Accuracy of air temperature	±2°C	±2°C
Resolution	0.2°C; 0.2m/s	0.2°C; 0.2m/s
Max/Average/Current air velocity reading	✓	✓
°C/°F Selection	✓	✓
Wind chill indication	✓	✓
Beauford Scale	✓	✓
Auto/Manual power off	14 minutes without any operation	✓
Low battery indication	✓	✓
LCD Backlight	12 seconds active by press any key	LCD Backlight ON/OFF selection
Power	CR2032 3.0V	9V battery
Dimension	105×40×18.5mm	Main unit:145×72×35mm; Vance:172×65×29mm
Net weight	52g (including battery)	Main unit:164g(including battery); Vance:112g



230DW

Model	230DW	
Power supply	DC5V / 2A	
Sensor type	High precision digital sensor	
Sampling rate	One times/2s	
Ambient temperature	Temperature	-20 C ~60 C
	Accuracy	±1.0 C
	Resolution	0.1°C
Relative humidity	Range	0~100%RH
	Accuracy	±4%RH
	Resolution	0~99(0.1)%RH 100(1)%RH
Temperature alarm range	Hi	-19 C ~60 C
	Low	-20 C ~59 C
Humidity alarm range	Hi	2~99%RH
	Low	1~98%RH
WiFi	Yes	
Alarm function	Voice+display alarm, alarm value can be set	
Display	Nixie tube display; Display size: 1.8-inch single word	
Max Display	Temperature 60.0; Humidity 99% RH	
Over range	Display "Hi" or "Lo" at the highest position	
Size	323* 173*40mm	
Weight	About 700g	



230



230A



330



6801

Basic Function	230	230A	330	
Function	Sensor Inside	✓	✓	✓
Temperature Measuring Range	External Temperature Probe	✓	✓	✓
	(0~50) °C (32~120) °F	✓	✓	✓
Temperature Range of External Probe	(-2~70) °C (-4~158) °F	✓	✓	✓
		✓	✓	✓
Humidity Range	(20%~90% RH)	✓	✓	✓
	(30%~90% RH)	✓	✓	✓
Temperature Accuracy	±1.0°C (1.8°F)	✓	✓	✓
		✓	✓	✓
Humidity Accuracy	±5% (40%~80% Others ±8%)	✓	✓	✓
		✓	✓	✓
Temperature Resolution Display	0.1°C (0.1°F)	✓	✓	✓
		✓	✓	✓
Special Function				
Temperature/Humidity Display		✓	✓	✓
		✓	✓	✓
Temperature °C/°F switch		✓	✓	✓
		✓	✓	✓
Alarm Clock		✓	✓	✓
		✓	✓	✓
12/24 hours system clock		✓	✓	✓
		✓	✓	✓
Alarm On Schedule		✓	✓	✓
		✓	✓	✓
Calendar Display		✓	✓	✓
		✓	✓	✓
Maximum / Minimum Temperature And Humidity Memory		✓	✓	✓
		✓	✓	✓
Battery	AAA 1.5V	AAA 1.5V	AAA 1.5V	AAA 1.5V
		95x105x17mm	95x105x17mm	110x59x16mm
Product Size				

Note: 230 and 230A can't be tested for industry use. The test results are just for reference.

6801			
Function	Resolution	Range	Basic accuracy
1°C	1°C	-50-1000°C	±(0.3%+2°C)
1°C	1°C	1000-1300°C	±(0.5%+2°C)
1°F	1°F	-238-1000°F	±(0.3%+2°F)
1°F	1°F	1000-2372°F	±(0.5%+3°F)
Special function			
Unit symbol display	✓		
Max. display	10000 (3 1/2 digital LCD with max. reading of 1999)		
Sample rate	2.5 times/s		
Storage environment / relative humidity	Temperature 0°C-50°C (32°F-122°F), relative humidity < 80%		
Over range indication	The MSD "1" or "-" displays		
Measuring method	TP01 K-type temperature probe		
Measuring range	-50-1300°C / -58-1999°F		
Dimension	149*71*35mm		
Weight	200g		
Power	2*1.5V AAA		



231/231A

Model	231 (Normal model)	231A (Bluetooth model)
LCD	4-digit LCD display	
Temperature range	-25°C~75°C(-13°F~167°F)	
Humidity range	0~99.9%RH	
Temperature accuracy	±0.3°C(15~40°C)Other ±1°C	
Humidity Accuracy	±3%RH(30~80%RH)Other ±4%RH	
Temperature resolution	0.1°C	
Humidity resolution	0.1%RH	
Temperature max/Min/Alarm	✓	
Humidity max/Min/Alarm	✓	
Data retention	✓	
Working environment	0~40°C(<90%RH non-condensing)	
Storage environment	-20~60°C(<75%RH)	
Power supply	3 1.5V batteries (7#) or USB Type-C power supply	
Sampling rate	1 time/second	
Shell material	ABS	
Size	169*56*32mm	
Weight	About 150g (including battery)	