



87791



87792



Desktop & wallmount



Indoor & outdoor temp.

Air & cabinet temp.

## Ordering Code

VZ87791AZ, 87791 monitor

VZ87792AZ, 87792 monitor

## Desktop Temp./Humidity Monitor with alarm function 87791/87792

- Simultaneously display/record Temperature & Humidity
- Check vapor condensation risk through DP temperature
- One year long battery life via alkaline battery
- LED/Audible alarm threshold of each parameters are programmable
- Real time display (hour & minute, am/pm)
- 87791: RH/T/Dew point monitor
- 87792: RH/T/External Temperature monitor



Metric/Imperial



Time Stamp



Low Battery



MAX/MIN



LED Alarm



Buzzer Alarm

Model	87791	87792
Temp. range	0~50°C (Display: -10.0~70.0°C)	
Temp. resolution	0.1°C/°F	
Temp. accuracy	+/-1°C	
Humidity. range	20~90%RH (Display: 0%~99.9%RH)	
Humidity resolution	0.1%RH	
Humidity accuracy	+/-5%RH (at 25°C, 10~90%RH, others +/-7%RH)	
Dew point temp. Range	-20~70°C	N/A
External temp. Range	N/A	-10~70°C (Display: -30~70°C)
External temp. resolution	N/A	0.1°C/°F
External temp. accuracy	N/A	+/-0.6°C (0~50°C), +/-1.2°C (-10~0°C, 50~70°C) No specified for -30°C~-10°C
External probe size	N/A	Dia. 3.8mm x Length: 25mm
External probe cable	N/A	2M long, material: PVC
Beeper (dB)	~65dB	
RH% Self calibration	YES, via salt chamber	
Power consumption	<0.11mA	
LCD size (mm)	63(H)x70(W)	
Operation temp.	0~50°C	
Operation RH%	Humidity < 90%	
Storage temp.	-10~50°C	
Storage RH%	Humidity < 90%	
Dimension (mm)	110x91x30(H)	
Weight	~200g	
Power	AA x3 pcs	
Standard Package	Meter/Manual/Paper box	

## What is Dew Point (DP)?

The dew point temperature is the temperature at which the air can't hold all of its water vapor and some of the water vapor must condense into liquid water. Condensation of water vapour begins when the temperature of air is lowered to its dew point and beyond.

## What is the application of Dew Point?

- In summer or high humidity season, identifies and warns when conditions for mold growth exist
- In winter or low humidity season, identifies and warns when conditions for static electricity exist
- Air temperature and dew point temp. indicate where condensation may occur
- Monitor conditions in laboratories, basement and other controlled environment settings

