buzzer

*Japan &
Taiwan Patented*

87798

buzzer

87799

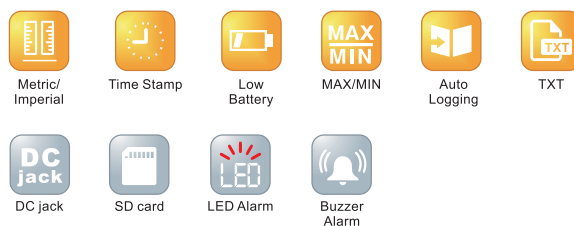SD card slot   Desktop & wallmount

Air & cabinet temp.

5V UNIVERSAL ADAPTOR
P/N:VZ12405A
Input:100~240 VDC
Output:5VDC, 0.6A
4 plugs included:US/UK/EU/AU

Ordering Code
VZ87797AZ, 87798 logger
VZ87799AZ, 87799 logger
VZ12405A, 5V universal adaptor

Desktop Temp./Humidity Monitor with SD Card Logging 87798/87799

■ Simultaneously display/record Temp. and Humidity
■ Advanced SD card design for continuous recording
■ Check vapor condensation risk through DP temperature
■ Long battery life (via alkaline battery)
  -no logging: one year   -logging: one month (rate:1min, 1G SD card)
■ LED/Audiable alarm threshold of each parameters are
  programmable
■ 87798:Dew point monitor   87799:External T monitor

| Metric/ Imperial | Time Stamp | Low Battery | MAX/MIN | Auto Logging | TXT |

| DC jack | SD card | LED Alarm | Buzzer Alarm |

Model	87798	87799
Temp. range	-10.0~70.0°C	
Temp. resolution	0.1°C/°F	
Temp. accuracy	+/-1°C	
Humidity. range	0%~99.9%RH	
Humidity resolution	0.1%RH	
Humidity accuracy	+/-3%RH (at 25°C, 10~90%RH, others +/-5%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.4mm x Length:25mm
External probe cable	N/A	2M long, material: PVC
SD card	SD card or SDHC card (MMC and SDXC cards are not compatible)	
Sampling rate	1 to 720 mins. Default:10 mins	
Beeper (dB)	~65dB	
RH% Self calibration	YES, via salt chamber	
Power consumption	<0.4mA	
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 x3pcs or 5V adaptor	
Standard Package	Meter/adaptor/Manual/Paper box/SD card	

What is Dew Point (DP)?
The DP 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 temp. 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