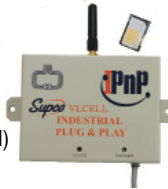## Super Vision Series - 5 in 1 Temperature and Humidity Printer Logger

The VLT Loggers are feature packed, strip recorder/alarm devices. Models with 1 to 4 channels to monitor temperature, humidity or switches with programmability for each. The Large digital display, PC Interface without additional software, 4 modes of printing and remote alarm dialer contacts give these devices features found on products costing much more.

VLT Temperature Data Logger Recorder

EN 2830

VLCELL (optional)
Cellular Data
Transfer

NEW CE RoHS FC

Features/Benefits

- Monitoring, logging, alarms and printing in real time
- Up to 4 input channels of temperature, humidity and switches
- Reading intervals from 1 to 120 minutes, 1 min. increments
- Over and under alarms plus delay setting for each channel
- Operating and setting by means of 6 function keys
- Printed help and instruction messages on request during unit setup
- 1 channel printing in auto scale graph mode, including alalrms
- 1 to 4 channel printing full reports in 3 text modes, including alarms

- On line display/minimum or maximum on request
- Exporting real time data thru RS-232 PC port- no software needed
- °F or °C degrees, date format: dd/mm/yy or mm/dd/yy
- Battery back up
- Low battery, chart end and probe error indicators and alarms buzzer
- Remote alarm output via relay contacts of 0.5A, 115V
- Remote probes 33' (10 meters) cable length, extendible up to 100'
- Data and settings retained after power failure
- Base unit operating humidity: 0 to 95% RH, non-condensing

Specification

Base Unit	
Operating Temperature Range	32°F to +140°F(-0°C to +60°C) with alkaline battery 0°F to +150°F (-18°C to +65°C) with lithium battery
Operating Humidity	0 to 95% RH, non-condensing
Storage Temperature	-40°F to +150°F (-40°C to +65°C)
Battery Back-up	9 volt
Clock battery	3.6 volt lithium
Dimensions	8.2" X 5.3" X 2.7" (208.6 mm X 135 mm X 69
Weight	2.6 lbs. (1.8 kg)

PART NO.	INPUT	MEASURING OPTIONS	INCLUDED PROBES 33'	SAMPLE CAPACITY
VLT4-12	12 VAC/DC	Any combination of temperature and switches up to 4 channels	1 "VLT PROBE" (for temperature) 1 "VLS CABLE" (on/off indication)	16,200 points of temperature and switches (4 probes)
VLT4-115	115 VAC			
VLT4-230	220 VAC			
VLTH-12	12 VAC/DC	Temp., humidity and switch or 2 channels of temp. and humidity	1 "VLTH PROBE" (temp./humidity) 1 "VLS CABLE" (on/off indication)	16,200 points temperature, and humidity (4 channel)
VLTH-115	115 VAC			
VLTH-230	220 VAC			

Accessories

VLPAPER	2" Thermal chart roll 131'
VLWPCASE	Water proof case + lock
VLSK	Remote alarm silencer
CABLE10H	Sensor extension 10'
CABLE33H	Sensor extension 33'
VPR	Power reducer 24 to 12V
ADTA	Auto phone dialer
VLCEL	Cellular adaptor to internet

PROBE MODEL	WORKING RANGE	RESOLUTION	ACCURACY	REPEATABILITY	RESPONSE
VLT PROBE	-40°/130°C	0.1°C	±0, 3°C	±0.1°C	5-30
Temperature	-40°/266°F	0.2°F	±0.6°F	±0.2°F	Sec.
VLTH PROBE	-40°/85°C	0.1°C	±0, 5°C	±0.1°C	5-30
Temperature	-40°/185°F	0.1°F	±1, 0°F	±0.2°F	Sec.
and Humidity	10.0/89.9% RH	0.1°% RH	±2% RH	±0.1°% RH	6-10
	0.1-9.9/90-100%	0.1°% RH	±4% RH	±0.5°% RH	Sec.
VLS CABLE	Recognized dry contacts - for On/Off indication switch				1 Sec.