








- Generate PDF report with tracking event
- Continue to record after unplugging from USB port (pause mode)
- Generate pdf, dlg(raw data), csv, xls or txt file without any software/driver
- Longer battery life
- Wider operation temperature range
- Battery user replaceable
- Using a professional software to view graph and analyze data

- Build-in USB interface
- LCD shows recording status, readings, limit and alarm information
- 6 mark points supported
- User configurable settings
- LED status and alarm indication
- Low battery warnings
- Password control
- User can re-calibrate



1935/2004/EC 1907/2006/EC 2014/30/EU

Specifications	SSNP-10D	SSNP-10ED	SSNP-170	SSNP-700ED	SSNP-20D	SSNP-20ED
	PDF temperature data logger	PDF temperature with separated probe	PDF dry ice temperature data logger	PDF wide range temperature data logger with separated probe	PDF temperature and humidity data logger	PDF temperature and humidity data logger with separated probe
	Part no.: 0402 0002	Part no.: 0402 0003	Part no.: 0402 0001	Part no.: 0402 0009	Part no.: 0402 0004	Part no.: 0402 0005
						
Channel	1 int. temp.	1 ext. temp.	1 int. temp.	1 ext. temp.	1 int. temp. 1 int. humi.	1 ext. temp. 1 ext. humi.
Sensor	Digital	Digital	PT1000	PT1000	Digital Digital	Digital Digital
Measuring unit	°C, °F	°C, °F	°C, °F	°C, °F	°C, °F %RH	°C, °F %RH
Measuring range	-40~80°C	-40~125°C	-80~70°C	-200~250°C	-40~80°C 0~100%RH	-40~125°C 0~100%RH
Measuring accuracy	±0.3°C (-10~80°C) ±0.5°C (others)	±0.3°C (-10~80°C) ±0.5°C (others)	±0.5°C (-35~70°C) ±1.0°C (others)	±0.5°C (-100~100°C) ±1.0°C (others)	±0.3°C (-10~80°C) ±0.5°C (others) ±2%RH(10~90%RH) ±4%(others)	±0.3°C (-10~80°C) ±0.5°C (others) ±2%RH(10~90%RH) ±4%(others)
Measuring resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C 0.1%RH	0.1°C 0.1%RH
Response time(T90)	15 minutes	1 minutes	15 minutes	1 minutes	15 minutes	1 minutes
Power supply	3.6v lithium battery	3.6v lithium battery	3.6v lithium battery	3.6v lithium battery	3.6v lithium battery	3.6v lithium battery
Battery life	3 year (25°C, 15min. interval)	3 years (25°C, 15min. interval)	120days (-80°C, 15min. interval)	3 years (25°C, 15min. interval)	3 years (25°C, 15min. interval)	3 years (25°C, 15min. interval)
Data storage capacity	39960	39960	17280	39960	25920	25920
Operation temperature	-40~80°C	-40~80°C	-80~70°C	-40~80°C	-40~80°C	-40~80°C
Storage temperature	-40~80°C	-40~80°C	-80~70°C	-40~80°C	-40~80°C	-40~80°C
Size/Weight	120X37X23mm/67g	120X37X23mm/67g	120X37X23mm/67g	120X37X23mm/67g	120X37X23mm/67g	120X37X23mm/67g
Waterproof	IP56	IP40	IP67	IP40	IP56	IP40
Standards/Certificates	CE ROHS EN12830 REACH	CE ROHS EN12830 REACH 1935/2004/EC	CE ROHS EN12830 REACH	CE ROHS EN12830 REACH 1935/2004/EC	CE ROHS EN12830 REACH	CE ROHS EN12830 REACH 1935/2004/EC
Sample interval	10seconds~18hours					
High and low alarm	User configurable					
Alarm delay	0~960 minutes					
Alarm type	Single type; Accumulation type					
Start delay	0~254 minutes					
Start mode	By button					
Stop mode	By button; Memory full					
Interface	Build-in Type-A USB2.0					
Configuration software	PidifiX (windows 7&8&vista&10 32&64bits)					
Warranty	18 months					
LCD refresh interval	10 seconds					
LCD auto off	3 minutes					