

SSNP Series PDF Data Logger with U-Disk

SSNP-10D / SSNP-10ED / SSNP-170 / SSNP-700ED
SSNP-20D / SSNP-20ED

- Generate PDF file with device event
- Continue recording after unplug from USB port (pause mode)
- Generate files of pdf, dlg, csv, xls or txt without any software / driver
- Longer battery life
- Wider operation temperature range
- User replaceable battery
- Professional software to view graph and analyze data
- Built-in USB interface
- LCD shows recording status, readings, limit and alarm indication
- User configurable
- LED status and alarm indication
- Low battery warnings
- Password control
- Re-calibrate supported



2014



1935/2004/EC



1907/2006/EC



2014/30/EU



2015/863/EU



EN12830

SSNP-10D

PDF temperature data logger

SSNP-10ED

PDF temperature with separated probe

SSNP-170

PDF dry ice temperature data logger

SSNP-700ED

PDF wide range temperature data logger
with separated probe

SSNP-20D

PDF temperature and humidity data logger

SSNP-20ED

PDF temperature and humidity data logger
with separated probe



Specifications	SSNP-10D	SSNP-10ED	SSNP-170	SSNP-700ED	SSNP-20D	SSNP-20ED
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
Unit	°C, °F	°C, °F	°C, °F	°C, °F	°C, °F; %RH	°C, °F; %RH
Measuring range	-40~70°C	-40~125°C	-80~70°C	-200~250°C	-40~70°C 0~100%RH	-40~125°C 0~100%RH
Accuracy	±0.3°C(-10~65°C) ±0.6°C(others)	±0.3°C(-10~65°C) ±0.6°C(others)	±0.5°C(-30~70°C) ±1.0°C(others)	±0.5°C(-100~100°C) ±1.0°C(others)	±0.3°C(-10~65°C) ±0.6°C(others) ±3%RH(10~90%RH,25°C) ±4%(others)	±0.3°C(-10~65°C) ±0.6°C(others) ±3%RH(10~90%RH,25°C) ±4%(others)
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(t ₉₀)	15 minutes	5 minutes	15 minutes	5 minutes	15 minutes	5 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 year (25°C, 15min. interval)	30days (-80°C, 15min. interval)	3 year (25°C, 15min. interval)	3 year (25°C, 15min. interval)	3 years (25°C, 15min. interval)
Readings memory	39960	39960	17280	39960	25920	25920
Operation temperature	-40~70°C	-40~70°C	-80~70°C	-40~70°C	-40~70°C	-40~70°C
Storage temperature	-40~70°C	-40~70°C	-80~70°C	-40~70°C	-40~70°C	-40~70°C
Size / Weight	120X37X23mm / 67g					
Protection class	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
LCD refresh interval	10 seconds					
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; When into USB(software optional)					
Communication interface	Built-in Type-A USB2.0					
LCD auto off	3 minutes					
Warranty	12 months					

