

# ONDOLOG analyzer

ONDOLOG DATALOGGERS SECURE SHIPMENT & STORAGE



ONDOLOG offers a full family of high quality, low cost sensor data loggers for shipment and storage of food, pharmaceutical, medical and industrial products.

Temperature data has an accuracy of  $\pm 0.5^{\circ}\text{C}$  for the full range. Humidity data has a typical accuracy of  $\pm 3\%$ . Vibration data could be sampled up to 400Hz in 3 directions X,Y,Z.

Sensor data could be read with an Android NFC enabled smart phone, sent out directly via e-mail. ONDOLOG data loggers are supported by ONDOLOG ANALYZER and ONDOLOG CLOUD which comply FDA 21 CFR Part 11. All are CE, FCC, RoHS certified.

- ✓ Designed by experienced hardware & software engineers.
- ✓ Manufactured in SEA to offer high quality & cost efficiency.
- ✓ ONDOLOG data loggers with NFC.



Temperature USB NFC data logger specs			Dry-ice
User mode	Single use	✓	✓
	Multi use	✓	✓
Data memory	16k	✓	✓
Temperature sensor	Digital sensor	✓	
	RTD		✓
Temperature range	-40 to +85°C	✓	
	-85 to +40°C		✓
Temperature resolution	0.1°C	✓	✓
Temperature accuracy	±0.5°C	✓	✓
Sampling frequency	From 2sec. to 32min.20sec.	✓	✓
Recording duration	From 5 hours to 365 days	✓	✓
Communication	USB	✓	✓
	NFC	✓	✓
Logging start option	Press start button or auto start according to programmed Date/Time	✓	✓
Recording indication	Green LED	✓	✓
Alarm indication	Red LED	✓	✓
Battery life	Minimum 2 years	✓	✓
Current consumption	Standby mode :1.5µA Running mode : maximum 17µA	✓	✓
Size	86x54x12 mm (LxWxH)	✓	✓
Weight	50g	✓	✓
Case material	Polycarbonate	✓	✓
<b>FEATURES</b>			
Read data value while logging			
Read current value in Realtime mode			
Read data when out of power			
Low current consumption			
Easy setting by computer software via USB communication			
Calibration to achieve higher accuracy			
User password			
Non-stop recording			
CE MARKING			
ONDOLOG analyzer software			
Download marking			

Temperature – Humidity USB NFC data logger specs	
Data memory	16k
Temperature/Humidity sensor	Digital sensor
Temperature range	-40 to +85°C
Temperature resolution	0.1°C
Temperature accuracy	±0.5°C
Humidity range	0 to 100%
Humidity resolution	0.1%
Humidity accuracy	±3%
Sampling frequency	From 2sec. to 32min.20sec.
Recording duration	From 5 hours to 365 days
Communication	USB NFC
Logging start option	Press start button or auto start according to programmed Date/Time
Recording indication	Green LED
Alarm indication	Red LED
Battery life	Minimum 2 years
Current consumption	Standby mode : 1.5µA Running mode : maximum 17µA
Size	86x54x12 mm (LxWxH)
Weight	50g
Case material	Polycarbonate
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Temperature – Vibration USB NFC data logger specs	
Data memory	8k
Temperature sensor	Digital sensor
Temperature range	-40 to +85°C
Temperature resolution	0.1°C
Temperature accuracy	±0.5°C
Vibration sensor	MEMS
Vibration range	±2G, ±4G, ±8G, ±16G
Vibration resolution	±0.01G
Vibration accuracy	±0.05G
Sampling frequency	From 2sec. to 32min.20sec.
Recording duration	From 5 hours to 365 days
Communication	USB NFC
Logging start option	Press start button or auto start according to programmed Date/Time
Recording indication	Green LED
Alarm indication	Red LED
Battery life	1 month to 12 months according to sampling rate
Current consumption	Standby mode : 3µA Running mode : 10Hz : 55µA    25Hz : 84µA 50Hz : 140µA    100Hz : 214µA 200Hz : 350µA    400Hz : 530µA
Size	86x54x12 mm (LxWxH)
Weight	50g
Case material	Polycarbonate
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Temperature Humidity Vibration USB NFC data logger specs	
Data memory	12k
Temperature/Humidity sensor	Digital sensor
Temperature range	-40 to +85°C
Temperature resolution	0.1°C
Temperature accuracy	±0.5°C
Humidity range	0 to 100%
Humidity resolution	0.1%
Humidity accuracy	±3%
Vibration sensor	MEMS
Vibration range	±2G, ±4G, ±8G, ±16G
Vibration resolution	±0.01G
Vibration accuracy	±0.05G
Sampling frequency	From 2sec. to 32min.20sec.
Recording duration	From 5 hours to 365 days
Communication	USB NFC
Logging start option	Press start button or auto start according to programmed Date/Time
Recording indication	Green LED
Alarm indication	Red LED
Battery life	1 month to 9 months according to sampling rate
Current consumption	Standby mode : 3µA Running mode : 10Hz : 75µA    25Hz : 104µA 50Hz : 155µA    100Hz : 220µA 200Hz : 340µA    400Hz : 520µA
Size	86x54x12 mm (LxWxH)
Weight	50g
Case material	Polycarbonate
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