

TECHNICAL DATA SHEET

DigiTag IT loggers provide you with the technological facilities to introduce total quality control for temperature and humidity sensitive products and services while supporting your compliance with the stringent monitoring requirements of today's markets. With the extended functionality of its display the logger supplies you instantly with all the information required

Due to its combination of great resolution and high accuracy, the DigiTag IT can detect and record the smallest fluctuations in temperature for the tight monitoring of critical conditions. You benefit from the confidence and security of having precise relevant information at your fingertip

Key Features

- ✓ Multi functional display
- ✓ FAST download to PC (35 seconds to download 16,000 readings)
- ✓ 0.1°Resolution
- ✓ High Accuracy
- ✓ Intuitive Software for ease of use
- ✓ 32,000 samples memory



EI-1ND32L with Internal Temperature Sensor

Display	Scrolling feature, controlled by Console software, with highest, lowest, average time out of specification and current reading for each sensor, and battery status
External Sensors	EI-1ED32L one external sensor and one internal sensor; EI-2ED32L two external sensors
Certification	ISO 9002 traceable temperature certification

EI-1ND32L Specification

Tagging of Readings	Programmable feature to tag readings marked by the user with magnet swipe
Temperature Range	-40 to 70°C, resolution 0.1°C, accuracy +/- 0.3°C
IP Rating	IP67 Internal IP51 External
Data recovery	Via PC interface and console software
Size	Diameter 76mm, height 18mm (excluding lug)
Storage temperature	-40 to 85°C
Weight	70 grams
LED's	Green LED = Active/Red LED = Alarm
Temperature response	Internal sensor T90 of 12 min., s/s tipped external T90 of 4 min. in moving air.
Response Time	Temperature sensor 1 min.
Time and date	Real time clock, accuracy better than 40 seconds per month at ambient
Sampling frequency	1 second to 255 minutes
Power source	User replaceable lithium battery
Typical battery life	Dependent on frequency of PC communication
Case material	Polycarbonate
Software	Console Software
Recorder start up	Programmed time and date or magnet swipe

Accessories

Product Code	Item
MLKEY	Start magnet keyring
MA-SWP-WIN	Console Software for Windows
MLLINK	PC Interface Cable

EI-HSD32L with Humidity and internal Temperature Sensors

Display	Scrolling feature, programmable through console software, with highest, lowest, average time out of specification and current reading for each sensor, and battery status
Certification	ISO 9002 traceable temperature/humidity certification

EI-HSD32L Specification

Tagging of Readings	Programmable feature to tag readings marked by the user with magnet swipe
Temperature Range	-40 to 70°C, resolution 0.1°C, accuracy +/- 0.3°C
Humidity Range	0 to 100% rH, resolution 0.1%rH, accuracy +/- 3% at 25°C
IP Rating	IP51
Data recovery	Via PC Interface and console software
Size	Diameter 76mm, height 36mm (excluding lug)
Storage temperature	-40 to 85°C
Weight	70 grams
LED'S	Green LED = Active /Red LED = Alarm
Response Time	Temperature sensor 1 min (T90 in moving air)
Humidity sensor	10 sec
Time and date	Real time clock, accuracy better than 40 seconds per month at ambient
Sampling frequency	1 second to 255 minutes
Power source	User replaceable lithium battery
Typical battery life	Dependent on frequency of PC communication
Case material	Polycarbonate
Software	Console Software
Recorder start up	Programmed time and magnet swipe