

THE INTELLIGENT LOGGER



Version: Temperature and Humidity Sensor

Product Code: EI-HS-D-32-L



Highlights

- Multifunctional display showing statistics: Alarm status and time spent out of specified limits as well as highest, average and lowest reading for each sensor plus battery status
- Bookmark feature enabling you to mark readings with a magnet swipe; the reading will be identified in the list or graph when the data is downloaded

Options

Certification	ISO 9002 traceable temperature/humidity certification
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Accessories

JA-KEY	Start Magnet in form of key ring
EA-INT	PC interface
JA-SWP-WIN	ESCORT Console Software is available free on www.EscortDLS.com

Specifications (standard configuration)

Bookmarking	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, yearly calibration recommended. Please note the humidity sensor may not read accurately if covered with dust or deposits
Water Resistance	IP66
Data recovery	Via PC interface and Console software
Size	Diameter 76mm, height 36mm (excluding lug)
Storage temperature	-40 to +70°C
Weight	96 grams
Display	Operating Temperature -20 to +85°C; automatically scrolling through statistics; selection of statistics and setting of scrolling frequency via software
LED's	Green LED = Active / Red LED = Alarm
Response Time (T90 in moving air)	Temperature sensor 1 min. 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	1 to 2 years (depending on frequency of PC communication)
Case material	Polycarbonate
Software	ESCORT Console requiring operating system Windows™ 98 or later
Recorder start up	Programmed time and date or magnet swipe
Warranty	36 months (excluding batteries and humidity calibration)

ESCORT Data Logging Systems reserve the right to change the specifications without notice.