HDT-GFX-1 Temperature Data Logger with Graphic LCD Screen

The HDT-GFX-1 standalone USB data logger measures and stores over 250,000 temperature readings over a -30ºC to +80ºC (-22ºF to +176ºF) range and at a resolution of 0.1ºC.

Using the free EasyLog USB* software users can quickly set up the data logger and view downloaded data on a PC using the supplied USB cable.

The data logger's robust design provides IP67 waterproof protection and the two replaceable ½ AA batteries typically allow logging for up to six months. Includes wall-mounting clip and magnet.

Technical Details	
Measurement Range	-30ºC to +80ºC (-22ºF to +176ºF)
Internal Resolution	0.1ºC (0.1ºF)
Accuracy (overall error)	±0.2ºC (±0.4ºF)
Logging Rate	User selectable between 10 sec and 1 hour
Operating Temperature Range	-30ºC to +80ºC (-22ºF to +176ºF)
Battery / Battery Life	2 x 3.6V ½ AA lithium battery / 6 months
Dimensions	88mm (H) x 48.5mm (W) x 30.5mm (D)

- -30 to +80°C (-22 to +176°F) measurement range
- Logging rates between 10 seconds and 1 hour
- Immediate, delayed, push-button or temperature triggered start mode
- Graphic LCD shows real-time readings, graph, current status
- Stores over 250,000 readings

EasyLog

order code	Lascar code	EL-GFX-1
	Thermosense code	HDT-GFX-1

HDT-GFX-2 Temperature, Humidity & Dew Point Data Logger with Graphic LCD Screen

The HDT-GFX-2 standalone USB data logger measures and stores over 250,000 temperature and humidity readings over a -30ºC to +80ºC (-22ºF to +176ºF) and 0 to 100%RH range at a resolution of 0.1ºC and 0.1%RH.

Using the free EasyLog USB* software users can quickly set up the data logger and view downloaded data on a PC using the supplied USB cable.

The data logger's robust design provides IP67 waterproof protection and the two replaceable ½ AA batteries typically allow logging for up to six months. Includes wall-mounting clip and magnet.

Technical Details		
Temperature	Measurement Range	-30°C to +80°C (-22°F to +176°F)
	Internal Resolution	0.1°C (0.1°F)
	Accuracy (overall error)	±0.35°C (±0.59°F) typical (5 to 60ºC)
	Long Term Stability	< 0.02ºC (0.04ºF) / year
Relative Humidity	Measurement Range	0 to 100%RH
	Internal Resolution	0.1%RH
	Accuracy (overall error)	±2.05%RH typical (20 to 80%RH)
	Long Term Stability	< 0.25%RH / year
Dew Point	Accuracy (overall error)	±1.4ºC typical (-30 to 80ºC, 40 to 100%RH)
Logging Rate		User selectable between 10 sec and 1 hour
Operating Temperature Range		-30ºC to +80ºC (-22ºF to +176ºF)
Battery / Battery Life		2 x 3.6V ½ AA lithium battery / 6 months
Dimensions		88mm (H) x 48.5mm (W) x 30.5mm (D)

- -30 to +80°C & 0 to 100%RH measurement ranges
- Logging rates between 10 seconds and 1 hour
- Immediate, delayed, push-button or temperature/RH triggered start mode
- Graphic LCD shows real-time readings, graph, current status
- Stores over 250,000 readings

EasyLog

order code	Lascar code	EL-GFX-2
	Thermosense code	HDT-GFX-2

HDT-GFX-DTC Dual Channel Thermocouple Data Logger with Graphic LCD Screen

The HDT-GFX-DTC standalone USB data logger measures and stores over 250,000 temperature readings from two K, J or T type thermocouple inputs at a resolution of 0.1ºC.

Using the free EasyLog USB* software users can quickly set up the data logger and view downloaded data on a PC using the supplied USB cable.

The data logger features a high-contrast graphic LCD and three-input buttons which allows users to start, stop and restart the data logger using on-screen menus. The two replaceable ½ AA batteries typically allow logging for up to six months. Includes wall-mounting clip and magnet.

Technical Details		
Probe Measurement Range	Type K Thermocouple	-200ºC to +1350ºC (-328ºF to +2462ºF)
	Type J Thermocouple	-200ºC to +1190ºC (-328ºF to +2174ºF)
	Type T Thermocouple	-200ºC to +390ºC (-328ºF to +734ºF)
Internal Resolution		0.1ºC (0.1ºF)
Accuracy (logger error)		±1.5ºC (±2.7ºF)
Logging Rate		User selectable between 2 sec and 1 hour
Operating Temperature Range		-10ºC to +40ºC (-14ºF to +104ºF)
Battery / Battery Life		2 x 3.6V ½ AA lithium battery / 6 months
Dimensions		102mm (H) x 48.5mm (W) x 30.5mm (D)

- Dual channel, compatible with K, J & T type Thermocouples
- Logging rates between 2 seconds and 1 hour
- Immediate, delayed, push-button or temperature triggered start mode
- Graphic LCD shows real-time readings, graph, current status
- Stores over 250,000 readings

EasyLog

order code	Lascar code	EL-GFX-DTC
	Thermosense code	HDT-GFX-DTC

A full technical specification for the HDT-GFX range of products is available on our website.
* EasyLog software is downloadable for free via a supplied website link. Please visit our website for latest software compatibility information.