



Data Loggers

Premier Data Loggers; designed with the latest technology to accommodate technological advances for years to come. They are economic, compact and easy to use.

LOGiT Series

MADE IN THE USA

Select the right LOGiT Data Logger for your application along with the Windows compatible LOGiT PC Software and Interface Cable (LLS). Then...

Choose a sample rate, make desired connections and LOGiT!

Features/Benefits

- Store over 10,000 measurement points
- 1 second to 18 hour sample rate; 1 second increments
- Custom user identification (30 characters)
- Real Time data monitoring
- Over/Under Alarm threshold settings
- Visual alarm indication
- User selectable Recording Start (Specified date & time, immediate after setup or on door close)
- Tamper proof
- 20 month battery life (at 1 minute sample rate)
- Data rollover option
- Unique logger ID
- One PC Software operates with all loggers (LLS)
- Graphic or text data
- Zoom capability
- USB interface optional (USBS)
- 1 year warranty

*Note:

All LOGiT's need LLS Software package to program data logger and download data for analysis

For Temperature and Temperature/ Humidity Sensitive Applications:

- Refrigerators/ Freezers
- Commercial Refrigeration Systems
- Medical Storage Facilities
- Laboratories
- Greenhouses
- Florists
- Museums

Select the right Logger for your application...

LT2 Temperature Logger (Internal & External)

- One Internal and One External Temperature Measurement, Simultaneously



LTT Dual Temperature Logger

- 2 Independent External Temperature Measurements & Temperature Differential



New!

LTC Thermocouple Temperature Logger

- One internal and one external (K-type Thermocouple) temperature measurement

LTH Temperature/ Humidity Logger

- Integral Temperature, Humidity, Dew Point and Wet Bulb Measurements

For Pressure and Temperature Sensitive Applications:

- Compressor Run Cycles
- Testing New Installations
- Pneumatic air lines
- Tracking Intermittent Problems
- Superheat Measurements

LPT Pressure and Temperature Logger

- External Pressure and Temperature Measurements
- 1/4" MPT Pressure Sensor Connection



For Simultaneous Single Phase Current and Voltage Monitoring:

- Compressor and Fan Run Cycles
- Troubleshooting Intermittent problems
- Verification of Power Conditions
- Use three LCV's for Three Phase Applications



LCV Current and Voltage Logger

- External Current Probe and Voltage Measurements

For Monitoring 4 – 20 ma Process control loops in:

- Manufacturing
- Package Handling
- Automated Test Systems

L420 4 – 20 ma Logger

- Connection for 4 – 20 ma loop measurements

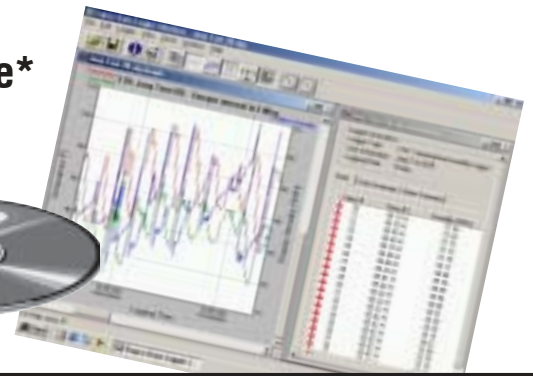


All Specifications are Inside



LLS LOGiT PC Software and Interface*

- PC Software on CD ROM
- LINT Interface
- Cable for LOGiTs to Serial Port (CABLE6)



Data Logger Specifications

	LT2	LTH	LTC	LTT
Sample Point Capacity	21,500 points (Single channel) 10,750 points and differential (Dual channel)	21,500 for temperature only 10,750 points for Temperature, Humidity, Dew Point and Wet Bulb	10,750 points for external and internal temperature	21,500 temperature points (1 probe) 10,750 temperature points and differential (2 probes)
Sampling Rate	1 second to 18 hours	1 second to 18 hours	1 second to 18 hours	1 second to 18 hours
Alarms	Over and under alarms for each probe.	Over and under alarms for temperature & humidity.	Over and under alarms for each probe	Over and under alarms for each probe.
Temperature Range (Internal Sensor)	32°F to 140°F (0°C to 60°C) w/ Alkaline Battery -40°F to 150°F (-40°C to 65°C) w/ Lithium Battery	32°F to 40°F (0°C to 60°C) w/ Alkaline Battery -40°F to 150°F (-40°C to 65°C) w/ Lithium Battery	32°F to 140°F (0°C to 60°C) w/ Alkaline Battery -40°F to 150°F (-40°C to 65°C) w/ Lithium Battery	
Temperature Range (External Sensor)	-40°F to 150°F (-40°C to 65°C)		Depends on thermocouple	-50°F to 300°F (-46°C to 150°C)
Accuracy	±1.0°F (0.5°C)	±2°F (1°C)	Depends on thermocouple	±2°F (1°C)
Resolution	0.1°F (0.05°C)	0.1°F (0.05°C)	0.1°F (0.05°C)	0.1°F (0.05°C)
Time Accuracy	±100ppm @75°F	±100ppm @75°F	±100ppm @75°F	±100ppm @75°F
Relative Humidity Range		0% to 99.9% RH, Non-condensing.		0% to 95% RH, non-condensing
Relative Humidity Accuracy		±2% full scale, from 0% to 95% RH for temperatures between 32°F and 140°F (0°C to 60°C)		
Relative Humidity Resolution		0.1% RH		
Pressure Range				
Pressure Accuracy				
Pressure Resolution				
Input Current Range				
Current Accuracy				
Current Resolution				
Voltage Range				
Voltage Accuracy				
Voltage Resolution				
Operating Range				
Temperature using Alkaline Battery	32°F to 140°F (0°C to 60°C)	32°F to 140°F (0°C to 60°C)	32°F to 140°F (0°C to 60°C)	32°F to 140°F (0°C to 60°C)
Temperature using Lithium Battery	-40°F to 150°F (-40°C to 65°C)	-40°F to 150°F (-40°C to 65°C)	-40°F to 150°F (-40°C to 65°C)	-40°F to 150°F (-40°C to 65°C)
Operating Range Humidity	0% to 95% RH, Non-condensing	0% to 99.9% RH, Non-condensing		
Storage Temperature	-40°F to 170°F (-40°C to 77°C)	-40°F to 170°F (-40°C to 77°C)	-40°F to 170°F (-40°C to 77°C)	-40°F to 170°F (-40°C to 77°C)
Calibration	Single point offset calibration available through software.	Single point offset calibration available through software. Humidity is factory calibrated.	Single point offset calibration available through software.	Single point offset calibration available through software.
Dimensions	3" x 2.5" x 1.1" (7.6cm x 6.4cm x 2.8cm)	3" x 2.5" x 1.1" (7.6cm x 6.4cm x 2.8cm)	3" x 2.5" x 1.1" (7.6cm x 6.4cm x 2.8cm)	3" x 2.5" x 1.1" (7.6cm x 6.4cm x 2.8cm)
Weight	2.5 Oz (71g)	2.5 Oz (71g)	2.5 Oz (71g)	2.5 Oz (71g)
Power Source	9V Alkaline or Lithium battery.	9V Alkaline or Lithium battery.	9V Alkaline or Lithium battery.	9V Alkaline or Lithium battery
Battery Life (average use)	18 Months using Alkaline Battery 36 Months using Lithium Battery	20 Months using Alkaline Battery 40 Months using Lithium Battery	20 Months using Alkaline Battery 40 Months using Lithium Battery	20 Months using Alkaline Battery 40 Months using Lithium Battery

Benefits/Specifications

- Compatible with Windows 95 and above
- Graphic and Text Data
- 3 Memory modes: Stop on full, record continuously, or memory rollover
- Real time monitoring
- Password protected calibration of each channel
- Data exportable to Text or Excel
- Minimum System Requirements: 8MB RAM, 2MB Disk Space, 800 x 600 Resolution, COM port or USB port (Optional USB Interface required)

*NOTE:

Every Data Logger requires software to be programmed and to download data.

SUPCO Data Loggers

All LOGiT's require LLS Software
SL200C comes with Software
HTHL10 comes with Software

LPT	LCV	L420	SL200C	HTHL10
10,750 points for Pressure & Temperature 21,500 points for Pressure OR Temperature	10,750 points for Single Phase Current & Voltage 21,500 points for Single Phase Current OR Voltage	21,500 points	2048 Temperature Samples	16,241 records
1 second to 18 hours	1 second to 18 hours	1 second to 18 hours	1 to 255 minutes	
Over and under alarms for Pressure & Temperature	Over and under alarms for current and voltage	Over and under alarm	High and Low Temperature Alarms w/ visual indication on demand -40°F to 85°F (-40°C to 85°C)	
-40°F to 150°F (-40°C to 65°C)				-4°C to +140°F -20°C to +60°C
±1°F (0.5°C) 0.1°F (0.05°C)			±1°F (±0.5°C) ±1°F (±0.5°C)	±1.4°F (±0.7°C)
±100ppm @75°F	±100ppm @75°F	±100ppm @75°F		0 to 100% RH ±2.5% RH
				0.1% RH
0 – 500 psi ±3 psi 0.15 psi				
	0-300 Amps ±5% 0.1 Amp AC 0 – 500 Volts AC ±1 VAC 0.1 VAC	0 – 40 ma ±0.05 ma 0.01 ma		
32°F to 130°F (0°C to 54°C)	32°F to 130°F (0°C to 54°C)	32°F to 140°F (0°C to 60°C)		32°F to 120°F (0°C to 50°C)
-40°F to 150°F (-40°C to 65°C)	-40°F to 150°F (-40°C to 65°C)	-40°F to 150°F (-40°C to 65°C)		non-condensing 0-90%
0% to 95% RH, Non-condensing	0% to 95% RH, Non-condensing	0% to 95%, Non-condensing		non-condensing
-40°F to 170°F (-40°C to 77°C)	-40°F to 170°F (-40°C to 77°C)	-40°F to 170°F (-40°C to 77°C)		
Single point offset calibration available through software. Pressure is factory calibrated.	Single point offset calibration available through software. Current and Voltage are factory calibrated.	Single point offset calibration available through software.	Single point offset calibration available through software.	Password Protected Calibration
3" x 2.5" x 1.1" (7.6cm x 6.4cm x 2.8cm)	3" x 2.5" x 1.1" (7.6cm x 6.4cm x 2.8cm)	3" x 2.5" x 1.1" (7.6cm x 6.4cm x 2.8cm)	1.75" x 0.87" x 0.87" (4.4cm x 2.2cm x 2.2cm)	7.3" x 2.5" x 1.2" (186mm x 64mm x 30mm) Approximately 11.25 oz, (320g)
2.5 Oz (71g)	2.5 Oz (71g)	2.5 Oz (71g)		9V battery
9V Alkaline or Lithium battery.	9V Alkaline or Lithium battery.	9V Alkaline or Lithium battery.	3.0 Volt Lithium (CR2032)	
19 Months using Alkaline Battery 38 Months using Lithium Battery	20 Months using Alkaline Battery 40 Months using Lithium Battery	20 Months using Alkaline Battery 40 Months using Lithium Battery	3.5 Years Average	N/A

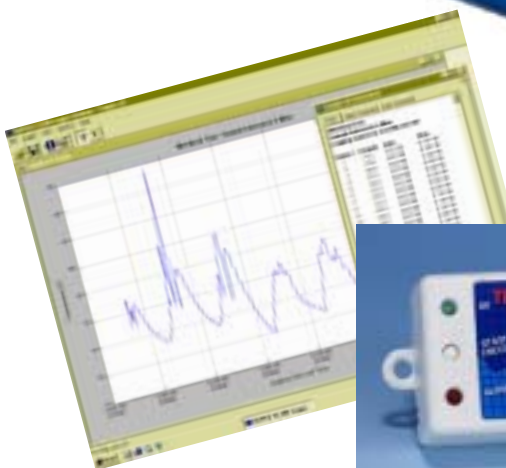


HTHL10 Temperature Humidity Logger

With its triple display, the HTHL10 provides instant measurements and trend analysis for temperature and humidity

Features/Benefits

- RS-232 Interface With Windows Software
- 16,000 Records Data Logger
- Auto Power Off
- TIME Function
- HOLD Function
- MIN/MAX Function
- Resolution 0.1°C, 0.1°F
- Dual Input
- Compatible with Windows 95, 98, 2000, NT, and ME.
- Triple Display



SL200C

Easy to use and self-contained, the miniature SL200C data logger is designed to record the temperature of the surrounding environment.

Features/Benefits

- Windows 95, 98, 2000, NT, ME & XP compatible software (included)
- PC or push button recording control
- Temperature alarm with visual indication on demand
- User selectable stop on memory full or memory rollover for continuous recording
- View graph & text simultaneously
- Can calibrate in the field
- Displays temperature in °F or °C
- RS-232 Interface (No Special Cable Required)



Data Logger Accessories

Standard Accessories	LT2	LTH	LTC	LTT	LPT	LCV	L420	SL200C	HTHL10
15' Remote	*				*				
Temperature Sensor (14265)	*				*				
4" Stainless Steel Temperature Sensor (DLTP6)		*		(2)					
K-type Thermocouple with 4' FDA Approved Insulation (TPFDA)			*						
Pressure Sensor (12261)					*				
300 A Current Probe (12867)						*			
Cable (13495)								*	
Battery (12782)								*	
Optional Accessories									
Lithium Battery (LITH9B)	*	*		*	*	*	*		
USB to Serial Interface (USBS)	*	*		*	*	*	*		
LOGIT PC Software & Interface (LLS)	*	*	*	*	*	*	*		
25' Temperature Probe Extension Wire (SW25)	*				*				
50' Temperature Probe Extension Wire (SW50)	*				*				
75' Temperature Probe Extension Wire (SW75)	*				*				
100' Temperature Probe Extension Wire (SW100)	*				*				