Getting to Know Your EL-SIE Logger

Status LEDs

Function Buttons

Access Screws

Display

Sensor

USB Port

For full information about your data logger visit www.lascarelectronics.com and navigate to the product page of your logger.
The data sheet is in the Resources section.

Install the Batteries

The unit is powered by two user replaceable non-rechargeable AAA alkaline batteries. Other battery types are not recommended.

Loosen the screws and remove the end cap, then fit the batteries in the orientation shown on the label. Replace the end cap and tighten the screws carefully until secure.
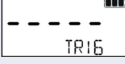
Connect to your PC or Mac
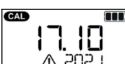
No software is needed! To configure, view and analyse the data from your EL-SIE, simply follow these steps:

1. Connect the logger to your computer using the USB cable supplied
2. Open your web browser and into the address bar type http://EasyLog.local
3. The EL-SIE home page will load – save it to your Favourites or Bookmarks
4. Follow the on-screen instructions to configure and start logging
5. Disconnect the logger and position it where you want to take readings

Once the logger is running you can plug it back into your computer and, without having to stop it logging, view the data recorded so far. Just select http://EasyLog.local from your Favourites and click on View/Save Data.

EasyLog Cloud Data Storage

TR16		Triggered Start logging and will start logging as soon as the specified limit (either temperature, humidity or pressure) is reached
bAtt LOW	Low Battery Warning	The batteries are low and should be changed when possible
FULL MEM	Memory Full Warning	The memory is full and logging has stopped
90 %MEM	Memory 90% Warning	The memory is 90% full, and data should be downloaded when possible
CAL 17.10 2021	Calibration Pending Warning	The calibration will expire in < 30 days on the date shown (can be DD/MM/YYYY or MM/DD/YYYY)
CAL 17.10 2021	Calibration Expired Warning	The calibration has expired on the date shown (can be DD/MM/YYYY or MM/DD/YYYY)

	Cumulative Alarm	A cumulative alarm is active on the channel currently being displayed
	High Alarm	A high alarm is active on the channel currently being displayed
	Low Alarm	A low alarm is active on the channel currently being displayed
	Held High Alarm	A high alarm is being held on the channel currently being displayed
	Held Low Alarm	A low alarm is being held on the channel currently being displayed
	High Pre-alarm	A high pre-alarm is active on the channel currently being displayed
	Low Pre-alarm	A low pre-alarm is active on the channel currently being displayed

Status LEDs and Sounder

LEDs	Sounder	Status	LEDs	Sounder	Status
✔ Flashing	Off	Logger in operation, no alarms or warnings	🔔 Flashing	Active	Alarm / Memory Full / Calibration Expired
⚠ Flashing	Off	Logger primed but not yet logging / Pre-alarm / Memory 90% Full / Calibration Pending (check display for specific warning)	🔔 Slow Flash	Off	Battery Low

Button Functions

Screen	Button	Press	Function	Event Recorded
USB	n/a	n/a	n/a	n/a
Push to Start	Any	Long	Start logging	n/a
Triggered Start	n/a	n/a	n/a	n/a
Delayed Start	n/a	n/a	n/a	n/a
Channel – Current reading	Top	Short	Move to next channel or STOP LOG	n/a
	Top	Long	Clear alarm hold for all channels	Clear Held Alarms
	Bottom	Short	Show Min reading for this channel	n/a
	Bottom	Long	Mute alarm sounder	Mute Alarm
Channel – Min reading	Top	Short	Show Min reading for next channel or STOP LOG	n/a
	Top	Long	Reset Max/Min reading for all channels	Clear Max/Min
	Bottom	Short	Show Max reading for this channel	n/a
	Bottom	Long	Mute alarm sounder	Mute Alarm
Channel – Max reading	Top	Short	Show Max reading for next channel or STOP LOG	n/a
	Top	Long	Reset Max/Min reading for all channels	Clear Max/Min
	Bottom	Short	Show current reading for this channel	n/a
	Bottom	Long	Mute alarm sounder	Mute Alarm
STOP LOG?	Top	Short	Move to Channel 1 (or Warning Screen), also generates an Audit Mark when cycling back through to Channel 1	Audit Mark
	Bottom	Long	Stop logging, returns to Push to Start	n/a
Warning Screen	Any	Short	Move to next warning or Channel 1	n/a

IMPORTANT SAFETY INFORMATION