



## Data logging with internet, SMS & email process alarming & control

- eLINE Site-See monitors any process variable
- Alarms & reports via SMS, email, web
- Programming of alarms via web interface
- Single point or network integrated alarming
- Small and compact box, built in GSM modem

eLINE Site-See can be combined with...



**Type 8222**

Conductivity Transmitter



**Type 8802**

ELEMENT on/off control valve



**Type 8026**

Paddlewheel flow transmitter



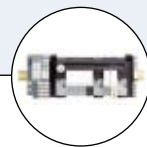
**Type 8176**

Ultrasonic level transmitter



**Type 8326**

Industrial pressure transmitter, Ex



**Type 8644**

AirLINE electro-pneumatic controller

Bürkert's eLINE Site-See delivers real-time alarms and reporting for the process industry.

Alarms are configured to the specific process with the user maintaining complete control over what, when, how and to whom alarms are transmitted with options for SMS text message, email or web interface. Site-See also allows authorised users to remotely interrogate the system via the same means. With modern GSM/GPRS/Next-G communication, eLINE Site-See is extremely cost efficient.

Each Site-See box takes up to 6 inputs which may be any type of sensor, probe or input device. All data is logged and transmitted in real time to your Bürkert Site-See micro-website, searchable in table and graphical form.

Site-See boxes are compact, simple to install and suitable for virtually all process environments. With modern communication protocols, Site-See solves the need for real-time logging, monitoring and alarm responses.

### Applications

- Food process temperatures
- Water treatment output monitoring
- Tank level alarming
- Environmental monitoring

### Technical data, eLINE Site-See

<b>Inputs</b>	6 x Analogue 1 x Counter (Analogue inputs support 2 or 3 wire RTD)
<b>Input Ranges [DIP switch]</b>	
Current Range	0 .. 20mA, 4 .. 20mA
Voltage Range 1	0 .. 10V (0 .. 5V & 1 .. 5V)
Voltage Range 2	0 .. 4V
RTD Range	Pt100 span -15°C .. 120°C
<b>Input Ranges [other]</b>	
Accumulator	Use input 1; counter must be set to 'seconds counting'
Internal Battery Monitoring	Use input 5 to monitor internal battery voltage
Digital Inputs	Use analogue inputs as digital inputs
<b>Input Set-Up</b>	User specified via your Bürkert Site-See micro-website
<b>Resolution</b>	10 Bit (>0.1%)
<b>Sampling Rate</b>	19/Second
<b>Digital Pulse Input Rate</b>	0 – 4kHz
<b>Outputs: Relay</b>	3 x SPST NO relays with contacts rated 24Vdc @ 5A
<b>Operating Temperature</b>	-10°C to +60°C
<b>Relative Humidity</b>	0 – 90% RH non-condensing
<b>Temperature Stability</b>	<0.01% of span/°C
<b>Long Term Stability</b>	<0.1% of span/10,000 Hrs
<b>Power Conservation</b>	May be enabled where solar power is available

Technical data, continued

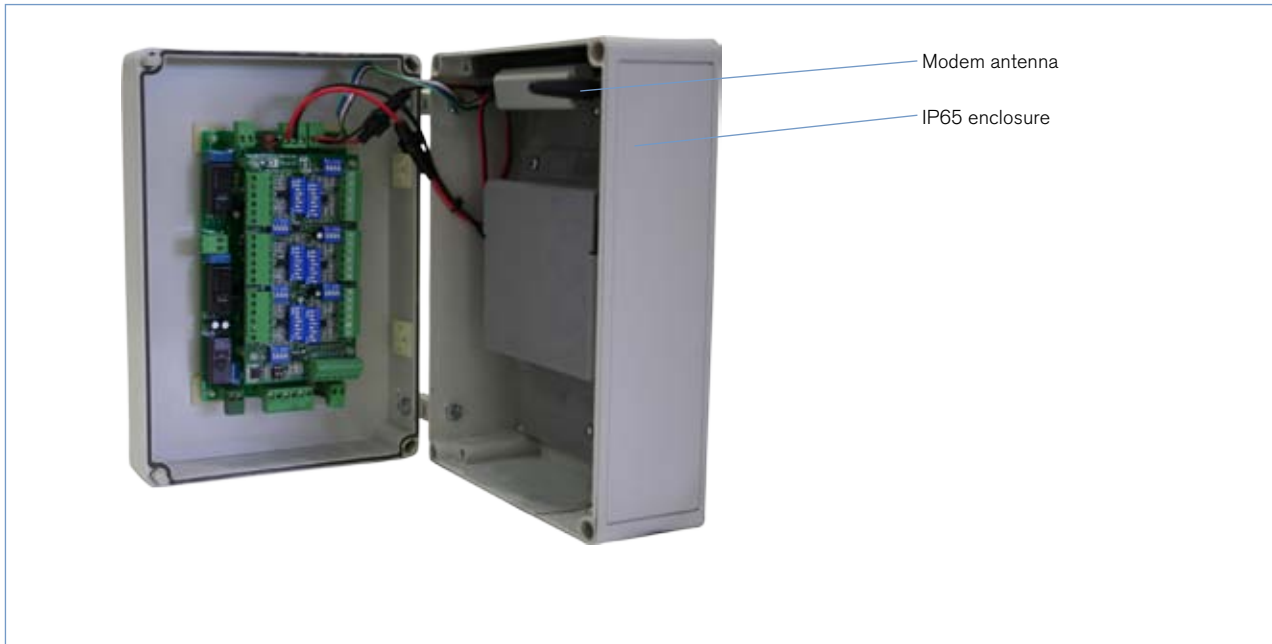
Enclosure and programming data

Technical data, eLINE Site-See enclosure & hardware	
<b>Real time clock</b>	Included
<b>Internal battery back-up</b>	2 x 12V sealed lead acid
<b>Charging options</b>	10 to 50V by power pack or solar direct connect facility
<b>Housing</b>	IP65
<b>Housing dimensions</b>	180 x 254 x 111 deep
<b>Weight</b>	3.5Kg
<b>Power Conservation</b>	May be enabled where solar power is available


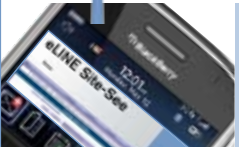

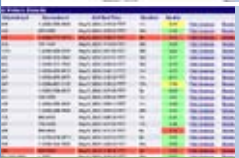

Technical data, eLINE Site-See web based software	
<b>Input Alarm/Control</b>	Variable set points/time profiling
<b>Points</b>	Variable dead band Variable delay 2 alarms per input SMS option for alarm & reset [Battery conservation mode available if input 5 used for monitoring battery voltage]
<b>Set-up/change data reporting</b>	Set/change variables for any given input
<b>Data report format</b>	Max, min average for reporting period
<b>Instantaneous data</b>	Logged when requested and available on search
<b>Changes log</b>	All changes made are recorded and available for search
<b>Web retention of data</b>	Retained for 90 days available in tabulated or graphical form
<b>Access security</b>	Multi level access and data view options – user set
<b>Session time-out</b>	Settable by user
<b>Grouping</b>	Units may be grouped for easy log-on
<b>Relay activation</b>	May be linked to alarm/control points
<b>Calibration</b>	Set from Web Site


Technical data, eLINE Site-See communications & onsite software	
<b>Modem type</b>	GPRS/GSM approved modem included
<b>Communication method</b>	TCP/IP
<b>Period data sent</b>	Date & time stamped, maximum, minimum & average for period
<b>Software alarm recognition</b>	Immediate for alarms based on input data
<b>Reporting period</b>	Standard variable from 60 mins [Option for more frequent reporting to 5 min intervals]
<b>Remote reset</b>	Enabled by specified phone contact
<b>Data accumulation</b>	Up to 200 blocks non reported
<b>Instantaneous data</b>	Via phone contact [user specified phone numbers]

eLINE Site-See enclosure




Key Site-See features




**Web based system**

Available at your desk - or from any mobile device worldwide.




**Automatic data record**

Process and alarm point records automatically logged and presented in tables and graph format.




**Secure**

Only registered users/mobile numbers may access your data.




**Alarms ASAP**

Receive alarms in real-time; sent to all registered mobile phones, emails & local audio/visual alarm systems.




**Not just alarms**

Ask your Site-See how the process is running - send an SMS or email to receive an up-to-the-second report.



**System visibility**

All users can see all data from anywhere in the world.



## Internet interface

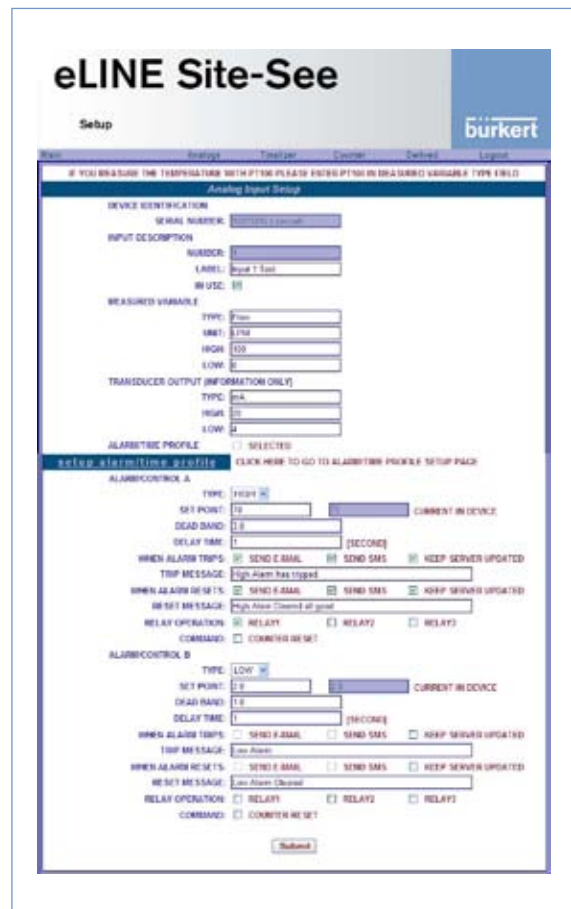
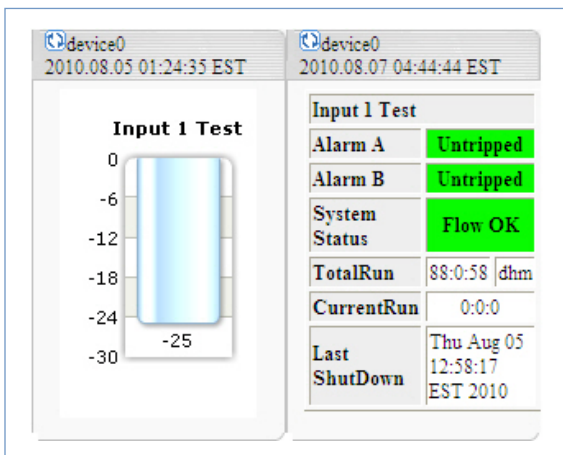
### Micro website comes with all eLINE Site-See boxes

#### Microsite

A micro website is developed for all Site-See boxes.  
All data logged is stored on the micro-site, with:

- Tabulated data
- Graphical data (graph representations)
- User interface to set/change alarm parameters
- Simple security features, to change contact persons etc
- All controls available 24/7 and maintained by Bürkert

### Example microsite views



#### Note

Microsite is fully functional with Blackberry, iPhone and other smart phone devices.



## Ordering information

Contact Bürkert; on request

Call 1300 888 868 (Australia) or 0800 BURKERT (NZ)

In case of special application conditions, please consult for advice.

We reserve the right to make technical changes without notice.  
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