

elproLOG CONFIG

Operation Manual Version 3.xx



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elproLOG CONFIG SC3001Ea



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Used Symbols & Designation Key

(i) Information

IMPORTANT INFORMATION OR WARNING

Reference to resuming chapter [xxx / yyy / zzz; e.g. 2.2 *Menus - Functions /* Group / Add] or document



In the interest of our customers, we reserve the right to make any changes resulting from technical advances. Therefore, schemes, descriptions and extent of delivery are subject to change without any notice! This manual is valid as from software release 3.6x

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1. Introduction to elproLOG CONFIG

These elproLOG CONFIG functions are used to setup a datalogger as a part of your LAN or WLAN structure. With elproLOG CONFIG data logger can be organized into groups and various configurations done.

elproLOG USER

The following functions are part of the software:

- Enables to configure groups of logger in the network
- Displays tabular representation of the datalogger network
- Provides the ability to add or remove dataloggers
- Allows you to configure each datalogger including:
 - Datalogger or sensor enable / disable
 - Assigning names for sensors
 - Connection over LANs
 - IP addresses
 - Clear text information like: sensor name, warning limit values, type and position
- Printouts for documentation

The dataloggers ECOLOG-NET are not able to respond to multiple accesses at the same time, therefor use just one of the following software products at the same time: elproLOG CONFIG, elproLOG ANALYZE or elproLOG MONITOR!

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2. Icons - Menus - Functions

The following functions are available in the elproLOG CONFIG software:

2.1 File	Icons
	Create a new group; file ending is "gcf" for group configuration file
6	Open an existing group



Save the current group



Print out a report of the current location

Group



Add a new group



Rename the selected group



Remove the selected group

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Datalogger



Add a new datalogger



Remove the selected datalogger



Edit the properties of the selected datalogger



Check the connection of the selected datalogger (Ping command)

3.2 Communication

Help



Start Help

2.2 Menus - Functions

Date	ei		_
	New	Strg+N	
6	Öffnen	Strg+O	
ø	Schliessen	Strg+W	
H	Speichern	Strg+S	
6	Speichern unter		
8	Drucken		
	Recent Locations		
0	Beenden	Alt+F4	

File - is used to create a new configuration, to load an existing one and to get printouts.

If you save a group configuration file for the first time, the proposal for the file name corresponds to the name of the first group. Regardless whether the group configuration file has been saved under a different file name or not, at the next opening of this file, elproLOG CONFIG shows the name of the first group and not the file name in the title bar.

Example

File name: Elpro Name of the first group: Building 1 Title bar: elporLOG CONFIG [Building 1] ELPF





Optionen

 Optionen

 Image: Application Settings

Allows to change the application language between English and German

Gruppe Hinzufügen... Umbenennen... Entfernen...

Hinzufügen...

Entfernen...

Ping...

Einstellungen...

Logger

R

Fenster

Arrange Icons Cascade Close All Windows Tile Horizontally Tile Vertically Minimize All Windows 1 Gruppe Lager B2 The group menu is used to define groups, change the name or delete them

Add - Remove - Properties

These functions are used to setup a new logger in LAN.

3. Procedure / Step 2: Logger Propertie Settings

Ping

It is a tool which is used to check the network settings of the logger and the network connection.



Functions to organize your pc screen.

Help elproLOG CONFIG Hilfe F1 Uber

Detailed information about the installed software version.

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3. Procedure

To define a group of dataloggers in LAN, the following 2 steps are required.

Step 1: Group- and
Logger- DataThis function is used to select a datalogger and to configure
it or to add it into a group of dataloggers. For any definitions
of datalogger properties, the datalogger has to be selected
in the following window.

😵 elproLOG CONFIG - [Grosslager Buchs]					
🦪 Datei Optionen Gruppe Logger Fenster Help 🗕 🖆				- 8 ×	
🗋 🖗 🗑 응 🕼 🦉 🥵 👼					
🖃 🧔 Grosslager Buchs	Name	Тур	Kommunikation		
Bau A	🥃 Lager 1	TCPIP	10.1.2.201		
En Bau B	🥃 Lager 2	TCPIP	10.1.2.202		
	🥃 Lager 5	TCPIP	10.1.2.203		
Distant MAN administration (Andreases) CD1 administration (CD1 administration (CD2))					
Vact Samples Main Store 3.50 of 14.04.2009 08:38					

Project: Production D Group: Store D1 & Store D2

Step 2: Logger	By double clicking the "Name" of the datalogger in the	
Propertie Settings	"Group and Logger data" window, the "Logger Properties"	
	window appears.	

The following 4 functions are used to define the necessary parameters for a running datalogger in a LAN environment.

3.1 Identification
3.2 Communication
3.3 Password
3.4 Sensor Settings

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3.1 Identification

😨 Logger Einstellungen		
Identifikation Kommunikation Passwort Sensor 1 Sensor 2 Sensor 3 Sensor 4 Sensor 5 Sensor 6 Sensor 6 Sensor 7 Sensor 8 Digitaler Eingang 1 Digitaler Eingang 2	Identifikation Namen des gewählten Loggers in der dazugehörenden Gruppe bearbeiten. Logger Name Lager 1	

This line is used to assign a name

Logger name

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3.2 Communication

😴 Logger Einstellungen		\mathbf{X}
Identifikation Kommunikation Passwort Sensor 1 Sensor 2 Sensor 3 Sensor 4 Sensor 5 Sensor 6 Sensor 7 Sensor 8 Digitaler Eingang 1 Digitaler Eingang 2	Kommunikationsparameter des gewählten Loggers bearbeiten. Die Einstellungen müssen zu dem Logger passen. Falls notwendig müssen die Einstellungen mit der Software des Herstellers vorgenommen werden. Anschluss Typ TCPIP Einstellungen IP Adresse 10.1.2.201 Port 2101 Protokoll Ändern	
	<u> <u> </u> <u></u></u>	

Interface type	 TCP/IP is used for LAN operation RS232 is used for local operation
IP addresse	This is the address of the current datalogger
Port = 2101	This is the TCP/IP communication port used by all elproLOG software modules.
Ping	It is a tool which is used to check the network settings of the logger and the network connection. Only with administrator rights possible
Protocol	ECOLOG-NET uses Hotseries4

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3.3 Password

🕏 Logger Einstellungen		
Identifikation Kommunikation Passwort Sensor a Sensor 2 Sensor 3 Sensor 4 Sensor 5 Sensor 6 Sensor 7 Sensor 8 Digitaler Eingang 1 Digitaler Eingang 2	Passwort Das Kommunikations-Passwort wird für die Kommunikation mit dem Logger verwendet und ist in der Gruppendatei gespeichert. Um das Logger-Passwort zu ändern muss der Logger angeschlossen sein. Passwort setzen / ändern Ändern	
	<u>Q</u> K <u>Abbrechen</u> <u>H</u> ilfe	

The password protects all datalogger configurations done by elproLOG CONFIG. Set / change password

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3.4 Sensor Settings

This screen shot has been taken from an ECOLOG-NET LA8. (8 Sensors)



The following functions allow the control over the logger alarm behavior.

Enable Logger

If this check box is selected, the data logger will be enabled for the alarm function of elproLOG MONITOR.

As long as the logger is not enabled, settings regarding the sensors and digital inputs are not possible. A disabled datalogger will be represented by elproLOG MONITOR but ignored

by the warning / alarm functions.

Disabled by Digital	For service tasks the settings of digital input 1 (status
input 1	information e.g. service mode) could be used to avoid
	unwanted alarms.

Disabled when Input	Alarm function is disabled if the external contact is		
=	closed.		

0 Alarm function is disabled if the external contact is open.



The scheduler provides a time-control of the logger warningand alarm function Enable Logger Scheduler

3.4.1 Sensor

🚱 Logger Einstellungen		X
Identifikation Kommunikation Passwort Sensor al Sensor 2 Sensor 3 Sensor 4 Sensor 5 Sensor 5 Sensor 6 Sensor 7 Sensor 8 Digitaler Eingang 1 Digitaler Eingang 2	Sensor 1 Jeder Sensor kann für Service-Zwecke einzeln deaktiviert werden. Ein deaktiviert Sensor wird im elproLOG MONITOR weiterhin angezeigt, es wird aber kein Alarn ausgeföst. Um den Messpunkt zu beschreiben kann ein Sensorname definiert werden. Die Warngrenzen sind ein zweites Set von Sensor 1 aktiviert Name Lager 1 Oben Warngrenzen aktivieren Warngrenze Obere Warngrenze: 28 Untere Warngrenze: 0	
	Sensor Zeitsteuerung aktivieren Sensor Zeitsteuerung Zeitplan Name Zeitplan Sensor 1 Erstellen Bearbeiten	
	<u>QK</u> <u>Abbrechen</u> <u>H</u> ilfe	

Sensor is supervised by elproLOG MONITOR.

Identification name of the sensor

Data logger independent limit values, which will be registered as warnings and not as alarms.

The scheduler provides a time-control of the selected sensor warning / alarm functions.

Application Name

Enable Sensor

Enable Warning Level

Enable sensor scheduler

4. Scheduler

A disabled sensor will be represented by elproLOG MONITOR but ignored by the warning / alarm functions.

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3.4.2 Digital input

😪 Logger Einstellungen		X
Identifikation Kommunikation Passwort Sensor 1 Sensor 2 Sensor 3 Sensor 4 Sensor 5 Sensor 6 Sensor 7 Sensor 8 Digitaler Eingang 1 Digitaler Eingang 2	Digitaler Eingang 1 Jeder digitale Eingang kann für Service-Zwecke einzeln deaktiviert werden. Ein deaktivierter Eingang wird im elproLOG MONITOR weiterhin angezeigt, es wird aber keine Alarn ausgelöst. Mit dem Namen kann der digitale Eingang genauer beschrieben werden. Zusätzlich kann die Bedeutung von Eingang=0 und Image: Digitaler Eingang 1 aktiviert Name Türschalter Text wenn Eingang = 0 Türe offen Text wenn Eingang = 1 Türe geschlossen Sensor Zeitsteuerung Zeitplan Name Schedule Digitaler Eingang 1 Erstellen Bearbeiten.	

Enable Digital Input Digtal input (contact of an external switch) which shall be supervised by elproLOG MONITOR. These settings require an enabled logger

3.4 Sensor Settings

- Application Name Identification name of the digital input
- **Text when Input =....** 0 Alarm message text if this contact is open
 - 1 Alarm message text if this contact is closed

Enable sensorThe scheduler provides a time-control of the selected digitalschedulerinput alarm function

4. Scheduler

A disabled digital input will be represented by elproLOG MONITOR but ignored by the warning / alarm functions.

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4. Scheduler

The scheduler is used to provide a day time dependant controll over the monitored warning / alarm functions of elproLOG MONITOR. Several independent schedules for each datalogger may be defined.

tsteuerung																
eitplan Name	X0000000															
Zeitplan Einstellungen		0	2	4	6	8	10	12	14	16	18	20	22	24 ¹)	
Montag																
Dienstag																
Mittwoch															Aktiviert	
Donnerstag															O Deaktivie	
Freitag																
Samstag																
Sonntag																

1. Time axis

To change the status of a particular field, mark it with the mouse pointer and change the status by clicking onto the corresponding button.

It is not possible to change the resolution of the time grid

Representation colors

Warning / alarm function is enabled

Warning / alarm function is disabled



Marked for status change

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5. Error Messages

5.1 Group configuration file prior elproLOG CONFIG Version 3.50



These group configuration files could not be used by elproLOG CONFIG versions 3.50 or newer.

If the configuration information of such a file is important, you have to reinstall the old version and printout all settings with the print function.

2.2 Menus - Functions / File / Print

5.2 Group configuration file, elproLOG CONFIG Version 3.50

elproLC	DG CONFIG
?	Die gewählte Gruppendatei wurde mit einer älteren Version von elproLOG CONFIG erstellt. Wollen Sie die Datei in das neue Format konvertieren? Nach der Konvertierung kann die Datei mit der alten Version von elproLOG CONFIG nicht mehr verwendet werden. Ja Nein Abbrechen

By confirming this message, the group configuration file will by updated to version 3.60 automatically

5.3 Information for Customer Support

If you need further assistance from the ELPRO - Customer support, supply us with the following information please:

Select in the menu "Help" the menu item "Info".

- Version number of the software The software is delivered on a CD-ROM with the following designation: 3.x.y The current version number of the software is shown by the ReadMe file.
- version and type of the used operating system.

€LPRC

- Designation of the used elproLOG ANALYZE application and / or datalogger, with which problems arise.
- Do the same problems arise with other elproLOG ANALYZE application and / or datalogger?
- Which were the preceding actions, before problems arose (exact description of your datalogger application: time, temperature, shock).
- Exact definition of the error occurred: copies of the status report, the graphic and the communication history or send us an email containing the read-out data if possible.

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