SATEL I-LINK PC Pro

System software for SATEL I-LINK series I/O converters



From Radio Modems to Applications

SATEL I-LINK PC Pro allows remote operatation of systems that are connected to SATEL I-LINK 100 I/Oports. In Point-to-Multipoint operating mode, you can set switch positions, change parameter values and monitor the radio link, among other things.

Routing of the connections makes the system work as you like. Any of the I-LINK 100 I/O-converter substation Inputs can be routed automatically to any Output of the network. You can even route an Input to several Outputs simultaneously. **Satel Oy** is a Finnish electronics and telecommunications company that specialises in wireless data communications. It designs, manufactures and markets radio modems for data and alarm transfer systems. The main user groups include industrial companies, public organisations and private persons. Today Satel is one of Europe's leading manufacturers of narrow-band radio modems.



SATELLINK

User interface

🎡 Satel I-Link PC Pro v1.02g			_ 🗆 ×	
<u>File</u> <u>M</u> aster Config <u>W</u> indow <u>H</u>	elp			
FACTORY 1			×	
Oper	ation			
Output	Input		Input	
Motor 1	Control switch 1 (R)	R Light room 2	Main alarm IN (B)	
Motor 2	Control switch 2	B Light room 3	Room 2 alarm	
Motor 3	Control switch 3 (B)	Power room 3	Room 3 alarm 🔵	
(B) Main alarm Out	Control switch 4	Power room 4	Room 4 alarm 🔵	
Motor 1 [r/min]	Feedback [r/min]	B Alarm ON P1	Room 5 alarm 🔘	
500 -	1059	Alarm ON P2	Room 6 alarm 🔘	
Room temp [C]	Temp [C]			
35,37	39,66			
Send Analog Data	Manual Update			
Manual 00:00:00 Address: 1				
FACTORY 2	x	FACTORY 3	×	
Oper	ation	Operation		
Output	Input	Output	Input	
Sub-relay 1	Switch 1 ON-OFF	Magnet valve 1	Level switch 1	
Sub-relay 2	Switch 2 ON-OFF	Magnet valve 2	Level switch 2	
Sub-relay 3	Switch 3 ON-OFF	Magnet valve 3	Level switch 3 🔵	
(B) Main alarm Out	Switch 4 ON-OFF	(B) Main alarm Out	Level switch 4	
Humidity [%]	Humidity [C]	Level set [cm]	Feedback [cm]	
0 Routed	Routed 55,94	37,19	55,94	
Water flow [L/min]	Yield [pc/h]	Pressure [Pa]	Pressure [Pa]	
	49,16	1,192	6	
Send Analog Data	Manual Update	Send Analog Data	Manual Update	
Manual 00:00:00 Address: 3		Manual 00:00:00 Address: 2		
•			•	
Ma	ster address: 0 Port: [Connecte	ATCOM1196001		

With the functions of the I-LINK PC Pro you can operate systems that are connected to the I-LINK 100 I/O-ports. The visual appearance of the user interface shows all functions at a quick glance. The operating buttons and value fields can be named according to their proper functions. The analogue values can be converted to show the real measured values including the customised low and high levels. These features are helpful if persons other than the operator are monitoring the values and functions.

Action Log

000000000 EXTENSION 000000

I-LINK 100 I/O- converter

This cost-effective Point-to-Multipoint program can be used to control several SATEL I-LINK 100 I/O-converters and extensions connected to SATELLINE Radio Modems. You can set switch positions, get the reading of a measuring gauge (analogue or digital) from the point of surveillance to the control station, and vice versa.

FACTORY 3	Loggin	[ON] SaveLog ClearL	og 🛛 Clear Log File 🗖	Stream to He
Time	Slave	Port	Value (mA)	Value [Converted]
16:5B-35	FACTORY 3	Level switch 3		1
16:58:35	FACTORY 3	Analog Input 1	13,04	55.94
16.58.35	FACTORY 3	Analog Input 2	11,95	6,154
17:09:47	FACTORY 3	Level switch 1		1
17:09:47	FACTORY 3	Leval switch 3		0
17:09:47	FACTORY 3	Extension 1-> Digital Input 2		1
17:09:47	FACTORY 3	Extension 1->Digital Input 4		1
17.09.54	FACTORY 3	Extension 1-> Digital Input 2		0
17:09:54	FACTORY 3	Extension 1 · Digital Input 4		0
17:09:54	FACTORY 0	Level switch 1		C
17:03:54	FACTORY 3	Level switch 2		1
17:09:54	FACTORY 3	Level switch 3		1
17:10:09	FACTORY 3	Level switch 1		1
17:10.09	FACTORY 3	Level switch 2		0
1210.08	FACTORY 3	Level switch 3		0
17:10:31	FACTORY 3	Level switch 2		1
17:10:31	FACTORY 3	Level switch 3		1

An Action Log window helps the user during the operation. It shows all events related to a change. Graphical presentations measured values, set point values, etc. can be easily created based on the data stored in the log file.

Manufacturer:



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Route List Editor

			- 0
Source Pat		Target Pot	New
54CTDBY 1-> Control switch 1		EACTORY 1-2Extension 1-5 Light room 2	Ect
WCTDRY 1-> Control ewitch 2	=>	FACTORY 1->Extension 1->Light room 3	EG
ACTORY 1-9 Control ewitch 3	->	FACTORY 1->Extension 1->Alem ON P1	Delete
ACTORY 2-Humidity	->	FACTORY 2->Humidity	
ACTORY 1->Estension 1-> Main alam IN	=>	FACTORY 1-> Main alarm Dat	Clear All
ACTORY 1->Extension 1->Main alarm IN	=>	FACTORY 3-> Main alarm Dut	Save to Te
ACTORY 1-> Extension 1-> Main alarn IN	=>	FACTORY 2->Main alarm Dut	Ekse

Using the Route List Editor of the I-LINK 100 system software, the Digital and Analogue Inputs can be routed to any Output of the network. In case of a Multialarm, one Input can even be routed to all substation Outputs. For security and to save the workspace, all settings, changes and alarms can be saved to the PC hard disc.

Distributor: