
Internet for Guests

Configure LS100

1.0.0

English

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Index

1. Ethernet2Serial Adapter SENA LS100	3
1.1 General Information.....	3
1.2 Installation.....	3
1.2.1 Requirements.....	3
1.2.2 Configuring IAC-BOX	3
1.2.3 Configuration SENA LS100	4
1.2.3.1 Using HalloDevice Manager V2.....	4
1.2.3.2 Using Hyperterminal	5
1.2.4 Operating Test	6

1. Ethernet2Serial Adapter SENA LS100

1.1 General Information

Thank you for choosing 'Ethernet2Serial Adapter SENA LS100'. With this device it is possible to operate the Ticket Printer separated by open ground from the Internet billing system by using a network cable. Please find additional information below: **support.IACBOX.COM**

1.2 Installation

1.2.1 Requirements

For operating SENA LS100 the following is needed:

- a RJ45-LAN-Port (Ethernet Network) for the Ticket Printer
- RJ45 Ethernet Patchkabel
- 220V bus bar close to the Ticket Printer
- Laptop/PC with Windows 2000/XP, connected to the office network to configure the adapter
- one IP address within the 'Office-LAN' for the Ethernet2Serial Adapter (in this example 192.168.1.10)

1.2.2 Configuring IAC-BOX

- Logon as administrator 'sysop' (see manual)
- configure the device in menu Modules/Ticket Printer
- choose a Ticket Printer and select 'LS100' as the port
- define a free IP address within the office network for the SENA LS100 (e.g. 192.168.1.10)
- the IP port number should be '100'
- leave the password field empty – SENA LS100 does not support a connection password

Ticket Drucker

* Pflichtfelder

	Typ *	Standort	Kopie	Port *	IP Adresse	IP Port	Kennwort	Aktion		
1	NEOS	Buero	<input type="checkbox"/>	LS100	192.168.1.10	100		Speichern	Löschen	Test
2	Bitte auswählen		<input type="checkbox"/>	Bitte auswählen				Speichern		
3	Bitte auswählen		<input type="checkbox"/>	Bitte auswählen				Speichern		
4	Bitte auswählen		<input type="checkbox"/>	Bitte auswählen				Speichern		

1.2.3 Configuration SENA LS100

1.2.3.1 Using HalloDevice Manager V2

Connect the LS100 to your Ethernet-Network. (switch the “Data/Console” selector at SENA LS100 to position “Data”). The LS100 receives its IP-address per default by DHCP. So the device should get an IP-address automatically.

Now insert the included CD. At the displayed menu select “Browse the CD”. Switch into the Directory “Software\HelloDevice_Manager”. There start the File “setup_hdmgr-v2.0.5.exe”. Follow the setup instructions.

After finishing the installation start the tool. Now search the Device by pressing the “Probe” Button



Next press “Select All” to select the device and press the “Add” button to add the device to the Device List. Now close the dialog by pressing “Close”.

By selecting the device in the DeviceList (left side) you can see all device settings.

/IP	IP mode	static ip
/IP	IP address	10.1.1.196
/IP	Subnet mask	255.255.255.0
/IP	Gateway	10.1.1.19
/IP	Allowed IP	0.0.0.0
/IP	Allowed mask	0 0 0 0

Change the settings which are colored red by clicking on them.

After changes are completed press the “Set” button  to save changes and press “OK” in the upcoming dialogues.

1.2.3.2 Using Hyperterminal

Connect the Ethernet2Serial Adapter SENA LS100 with the provided serial-cable to your PC or laptop and follow the instructions of the enclosed „Quick Start Guide“ from the SENA company to configure the LS100 via Windows-Hyperterminal. (switch the “Data/Console” selector at SENA LS100 to position “Console”).

For operation of the Ticket Printer with IAC-BOX enter the following commands at the terminal application (in this example the LS100 gets IP-Adresse 192.168.1.10/24 and Gateway 192.168.1.254):

```
> set ip static 192.168.1.10 255.255.255.0 192.168.1.254 [ENTER]
> set host tcps 100 0 [ENTER]
> set serial 9600 8 n 1 h h n 10 [ENTER]
> save [ENTER]
> reboot [ENTER]
```



For advanced security you can also enter the following command:

```
> set ip static 192.168.1.10 255.255.255.0 AllowedIP AllowedSubnetzmaske
[ENTER]

> save [ENTER]
```



For advanced security you can change the password of the „admin“ user of the SENA LS100werden:

```
> set admin NewUserName NewPassword NewDeviceName [ENTER]

> save [ENTER]
```

Write the new values down and keep them save.

1.2.4 Operating Test

- Connect the serial cable of the Ticket Printer with the SENA LS100
- Switch selector “Data/Console” at the SENA LS100 to position “Data”.
- Logon to WebAdmin as administrator 'sysop' (see manual).
- Click the “Test” button in menu Modules/Ticket Printer.
- Now you get a printout of all defined ticket types.

If there is no printout or the printout is faulty , please re-start the service “Ticket Printer” in menu System/Services.

The SENA LS100 Ethernet2Serial Adapter has the following LEDs:

Signal LED	Funktion
Power	is ON by active electrical power supply
Ready	when ON the adapter is operational
Serial RX/TX	is blinking when sending / receiving data to / from the serial interface
Link	Permanent ON when connection to switch or hub is OK.
Act	is blinking when sending / receiving data to / from the network