

Quick Start Guide for Nodegrid Link SR

Security Warning

The Nodegrid Link SR (LSR) provides extensive access to the devices attached to this equipment. As a result, care must be taken to avoid compromising your security policies.

From the factory, this equipment is shipped with the following settings:

- DHCP, SSHv2, HTTPS – ENABLED
- All Serial, USB, SFP+ and switch ports – DISABLED
- Ethernet – ENABLED
- Two default users with passwords:
 - root / root
 - admin / admin

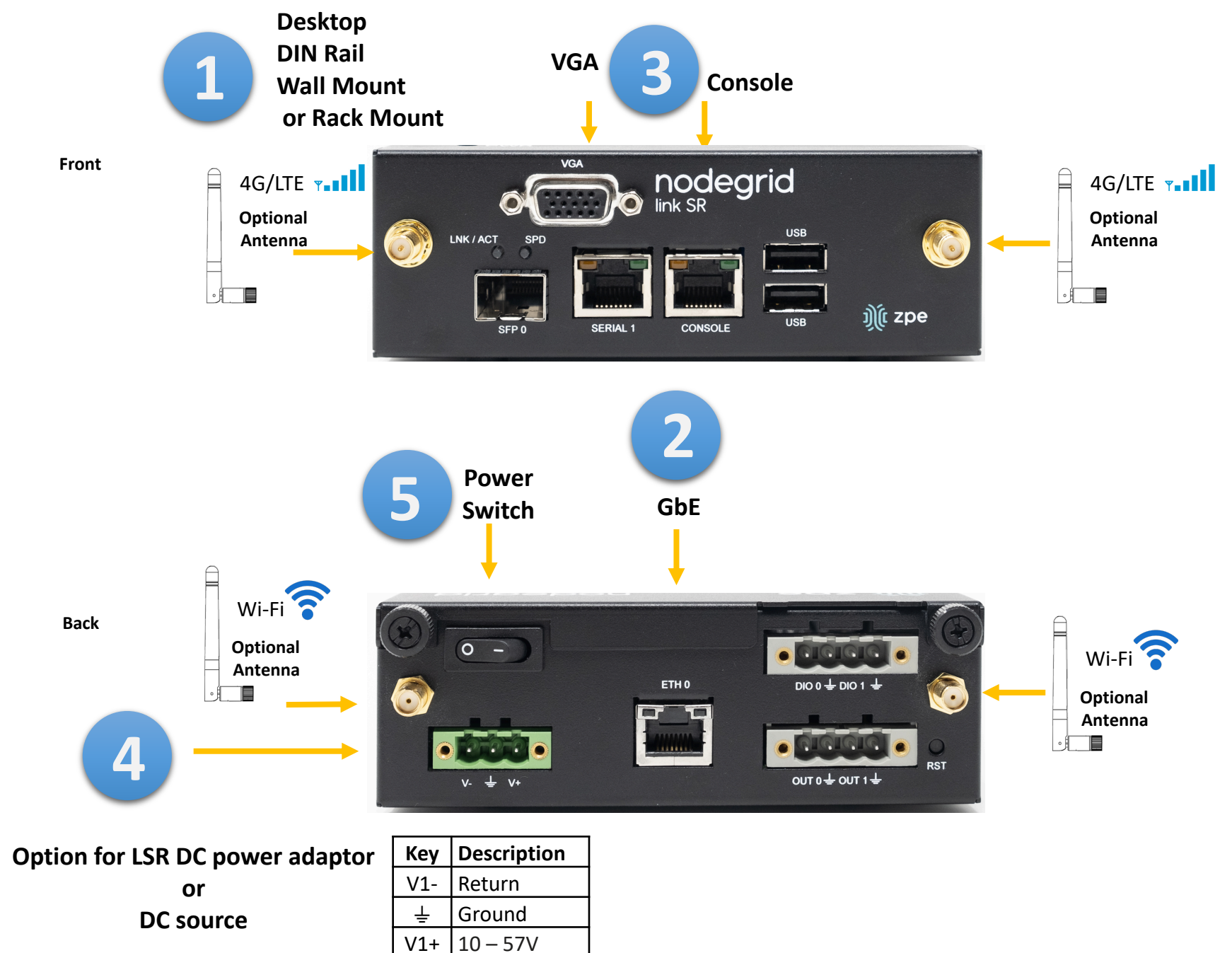
ZPE recommends changing the default passwords of admin and root, as well as carefully configuring security settings immediately after initial setup.

Please consult the *LSR User Guide* for more information on security settings.

Please consult the *LSR Safety Information* before installation.

This equipment is intended only for installation in a RESTRICTED ACCESS LOCATION.

Nodegrid Link SR shown



1 Desktop, din rail, wall mount, or rack mount your LSR

For detailed mounting instructions, see the *LSR User Guide*.

2 Connect to your network

Connect a ZPE-recommended CAT 5e or CAT 6 cable from the 10/100/1000BaseT port to your network.

3 Connect to the Serial Console port

Using the ZPE's RJ-45 console adaptor, connect a terminal or workstation with

terminal emulator (set to 115200bps, 8, N,1, with no flow control) to the LSR serial console port.

Alternatively, use the VGA port.

4 Connect power cables

Connect the power cable to the appliance.

5 Turn LSR on

Turn on the power switches.

Note: All remaining manual setup steps are required the first time you configure your LSR.

For manual downloads and support, visit: www.zpesystems.com/document-library/
For further assistance please contact ZPE Technical Support. (support@zpesystems.com)

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6 Configure network parameters

NOTE: Skip to **step 7** if you have a DHCP environment. DHCP is the default IP configuration. If no DHCP server is available, please log in to Nodegrid Link SR via its console or HDMI port using **admin** credentials and configure a static IP address using CLI instructions as follows:

```
[admin@nodegrid /]# cd
settings/network_connections/ETH0/
[admin@nodegrid ETH0]# set ipv4_mode=static
[admin@nodegrid ETH0]# set ipv4_address=10.0.0.10
[admin@nodegrid ETH0]# set ipv4_bitmask=24
[admin@nodegrid ETH0]# set ipv4_gateway=10.0.0.1
[admin@nodegrid ETH0]# show
name: ETH0
type: ethernet
ethernet_interface = eth0
connect_automatically = yes
set_as_primary_connection = yes
enable_ldap = no
ipv4_mode = static
ipv4_address = 10.0.0.10
ipv4_bitmask = 24
ipv4_gateway = 10.0.0.1
ipv4_dns_server =
ipv4_dns_search =
ipv6_mode = address_auto_configuration
ipv6_dns_server =
ipv6_dns_search =
[admin@nodegrid eth0]# commit
[admin@nodegrid eth0]# exit
```

Login as root to change the root password.

7 Configure serial, network & USB devices

Note: Your LSR will respond over the network at **192.168.160.10** if your DHCP server fails or is unavailable.

Note: To check your current IP address, connect to the LSR console port and hit **Enter** at the login prompt until you see the IP address of ETH0 interface.

To configure the LSR for the first time via Network:

a) Open a web browser (HTTP/S) and enter its IP address in the address field. Or start an SSH session to your LSR's IP address.

b) Log in to your LSR as **admin**.

c) Set your LSR basic configuration:

- Security

Security, Services page: Select the desired services and Ports, cryptographic protocols and cipher suite levels. Click *Save* when finished. **Authentication page:** add your Remote Authentication servers (AD, LDAP, Tacacs+, Radius and/or Kerberos). **Authorization page:** create users groups, set profiles and assign devices

- Network

Network Settings tab: Set your desired Network parameters. Click *Save* for each submenu.

Network Connections tab: Set your desired Network Interfaces parameters. Click *Save* for each submenu.

- Serial and USB ports

Managed Devices tab: Enable and configure your desired serial and USB ports.

- Change Admin Password

At any time, click [admin@domain.com](#) in the upper right corner of your screen and click "Change Password" to change your system password.

Congratulations!

Your Nodegrid Link SR is now configured and ready to accept users and connections to its ports and interfaces.

8 Additional Configuration

NOTE: We recommend that you set up a **new** Administrator account (in *admin* group with full privileges) and use the new account instead of the default *admin* account.

Add New Users

Click Security tab, Local Accounts, Add, set options, *Save*.

Alerts & logging

Set and send alerts by email, SMS, and/or SNMP.

Power

Control network attached PDU power strips and server, network and storage devices.

For advanced configuration options, how-tos and tips please refer to your *Nodegrid Link SR User Guide*.

9 Get technical updates

To automatically receive future firmware updates and technical information, sign up here:

www.zpesystems.com/loop/