

Quick Start Guide for Nodegrid Hive SR

Security Warning

The Nodegrid Hive SR (HSR) provides access to the internet for devices attached to the LAN ports. As a result, care must be taken to avoid compromising your security policies.

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

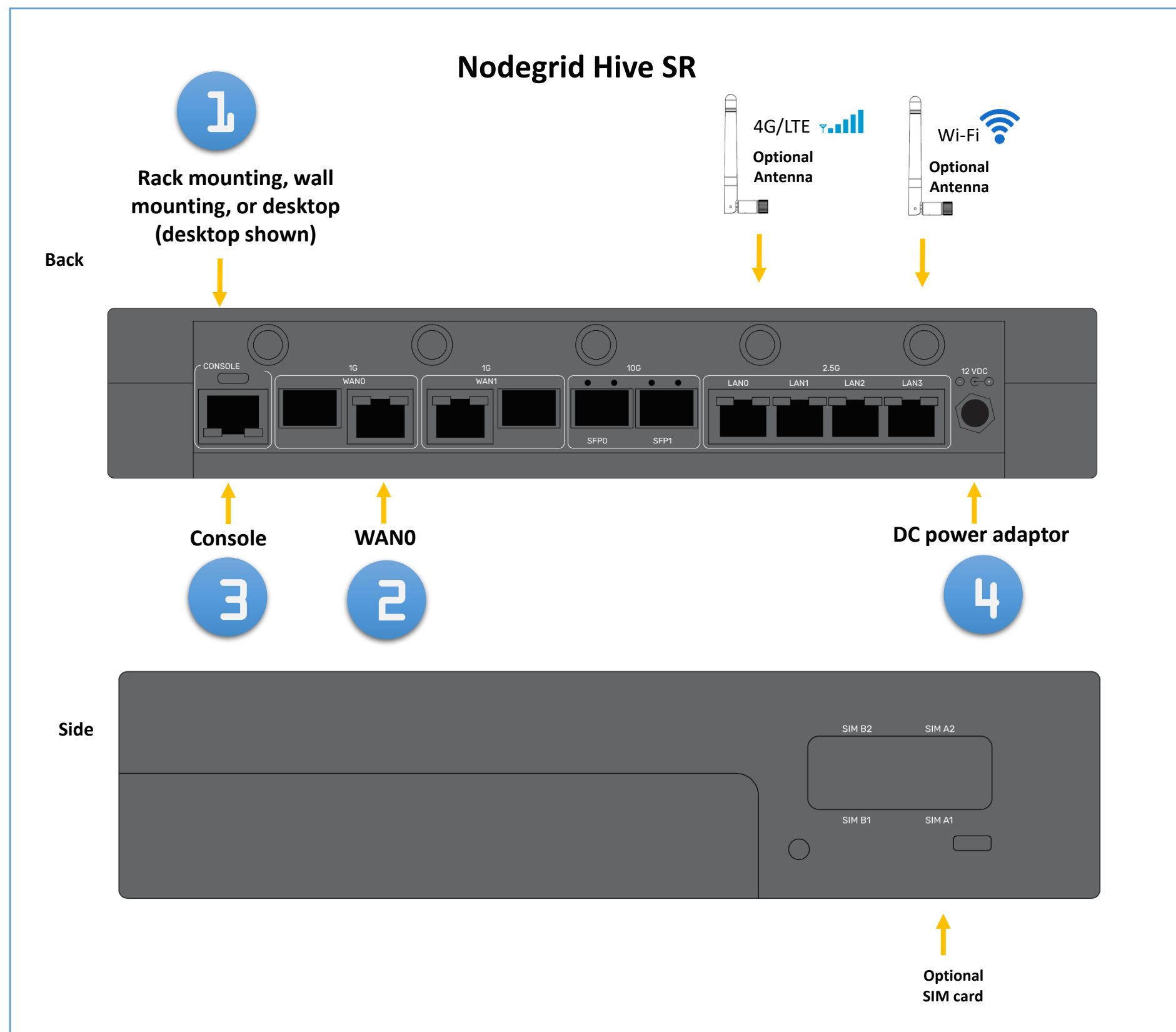
- DHCP – ENABLED in WAN and SFP ports
- DHCP Server – ENABLED in LAN ports
- USB, SFP, WAN, and LAN ports – ENABLED
- Firewall – ENABLED in WAN and SFP ports
- One default user with passwords:
– **admin / admin**

ZPE requires changing the default passwords of admin at the first login, as well as carefully configuring security settings immediately after initial setup.

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

Please consult the *HSR Safety Information* before installation.

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



1 Desktop, wall mount, or rack mount your HSR

For detailed rack mounting and wall mounting instructions, see the *Nodegrid Manual*.

2 Connect to your network

Connect a ZPE-recommended CAT 5e or CAT 6 cable from the WAN0 port to your network.

3 Connect to the Serial Console port

Using the ZPE's RJ-45 console adaptor, connect a terminal or workstation to the serial console port on the HSR. The HSR will be configured using a terminal or terminal emulator with session settings of: 115200 bps, 8, N, 1 no flow control.

4 Connect power adaptor to turn HSR on

Connect the power cord to the appliance. Power will automatically turn on.

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

For manual downloads and support, visit: docs.zpesystems.com

For further assistance please contact ZPE Technical Support (support@zpesystems.com).

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5 Configure network parameters

NOTE: Skip to **step 6** if you have a DHCP environment. DHCP is the default IP configuration. If no DHCP server is available, please log in to Nodegrid Hive SR via its console port using **admin** credentials and configure a static IP address using CLI instructions as follows:

```
[admin@nodegrid /]# cd
settings/network_connections/WAN0/
[admin@nodegrid WAN0]# set ipv4_mode=static
[admin@nodegrid WAN0]# set ipv4_address=10.0.0.10
[admin@nodegrid WAN0]# set ipv4_bitmask=24
[admin@nodegrid WAN0]# set ipv4_gateway=10.0.0.1
[admin@nodegrid WAN0]# show
name: WAN0
type: ethernet
ethernet_interface = wan0
connect_automatically = yes
set_as_primary_connection = yes
enable_lldp = 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 WAN0]# commit
[admin@nodegrid WAN0]# exit
```

Login as root with default credentials and change the root password.

6 Configure network & USB devices

NOTE: To check your current IP address, connect to the HSR console port and hit Enter at the login prompt until you see the IP address of WAN0 interface.

To configure the HSR for the first time via Network:

- Connect laptop to the LAN0 port via CAT 5e/6 cable. The laptop will receive IP address in the 192.168.10.0/24 network.
- Open browser on the laptop to connect to 192.168.10.1
- Log in to your HSR as **admin**.
- Set your HSR 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). Click **Save** when finished.

Authorization page: create users groups, set profiles and assign devices. Click **Save** when finished.

- 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.

- USB ports

Managed Devices tab: Enable and configure your desired 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. Click **Save** when finished.

Congratulations!

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

7 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 Hive SR User Guide*.

Get technical updates

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

www.zpesystems.com/loop/