

## Quick Start Guide for Nodegrid Gate SR

### Security Warning

The Nodegrid Gate SR (GSR) 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:

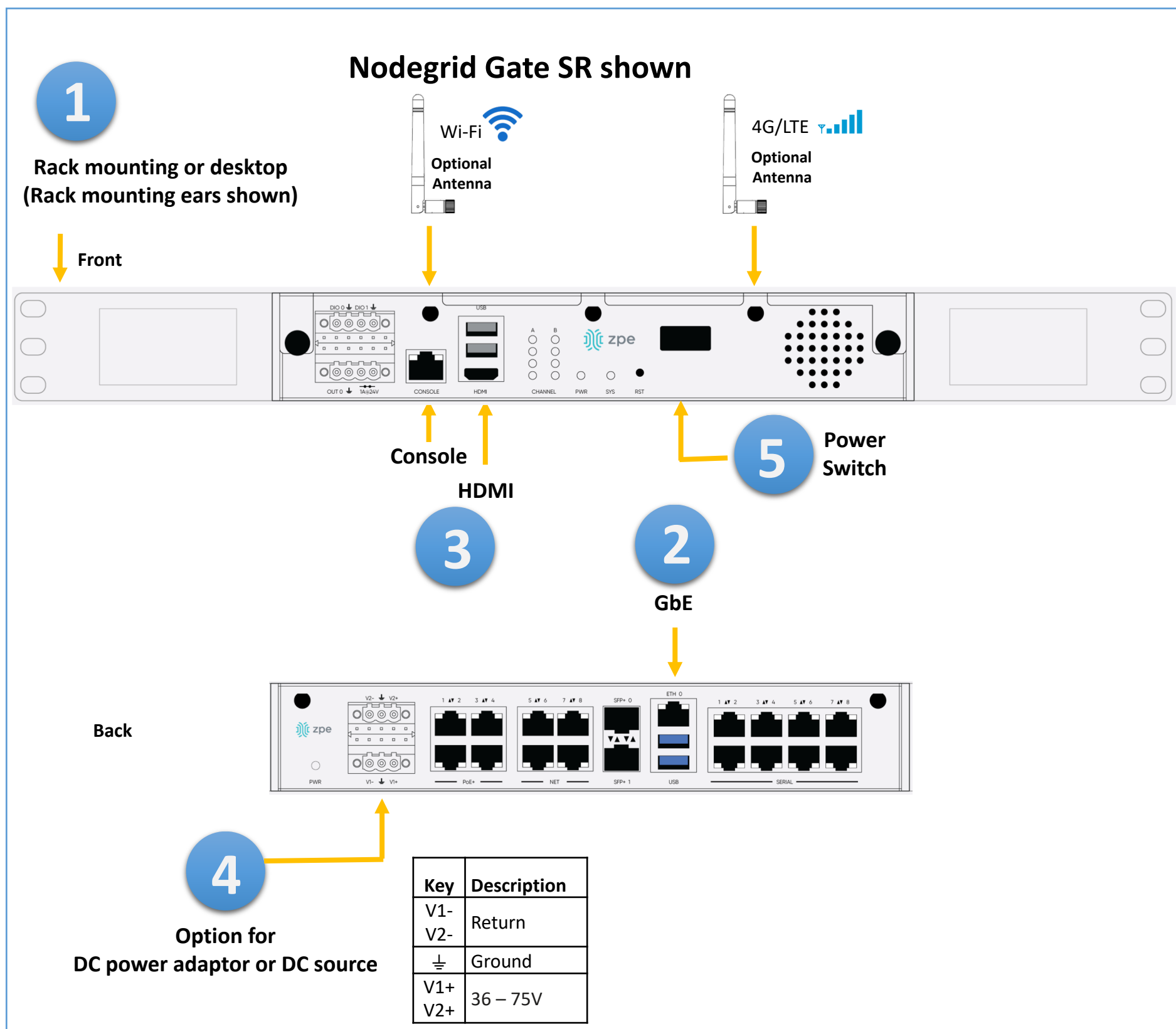
- DHCP, SSHv2, HTTPS – ENABLED
- All Serial, USB, SFP+ and switch ports – DISABLED
- Ethernet – ENABLED
- Two default users with passwords:
  - root / root
  - admin / admin

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

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

Please consult the *GSR Safety Information* before installation.

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



### 1 Desktop or rack mount your GSR

For detailed rack mounting instructions, see the *GSR 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 to the serial console port on the GSR. The GSR will

be configured using a terminal or terminal emulator with session settings of: 115200 bps, 8, N, 1 no flow control.

Alternatively, use the HDMI port.

### 4 Connect power cables

Connect the power cables to the appliance.

### 5 Turn GSR on

Turn on the power switches.

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

For manual downloads and support, visit: [www.zpesystems.com/document-library/](http://www.zpesystems.com/document-library/)  
For further assistance please contact ZPE Technical Support ([support@zpesystems.com](mailto: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 Gate 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_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 eth0]# commit
[admin@nodegrid eth0]# exit
```

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

## 7 Configure serial, network & USB devices

**Note:** Your GSR 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 GSR console port and hit **Enter** at the login prompt until you see the IP address of ETH0 interface.

To configure the GSR for the first time via Network:

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

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

c) Set your GSR 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.

### - 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. Click *Save* when finished.

## Congratulations!

Your Nodegrid Gate 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 Gate SR User Guide*.

## 9 Get technical updates

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

[www.zpesystems.com/loop/](http://www.zpesystems.com/loop/)