

The screenshot shows the 'LAN Parameters' configuration page of the R&S SMB100A. The left sidebar has sections for Home, Lan Configuration (with IP Configuration selected), Advanced Config, Ping Client, Status, Utilities, Instrument Control (with Web Control selected), File Download, File Upload, Diagnostics (with Device Screenshot selected), SCPI Remote Trace, SCPI Command Shell, and Help (with Glossary selected). The main area shows the following configuration:

Hostname	rssmb100a100020
DNS Hostname(s)	rssmb100a100020.rsint.net
Domain	rsint.net
Description	SMB (3.20.x.x) 000000
IP Address Mode	DHCP + Auto IP Address
IP Address	10.113.1.150
Subnet Mask	10.111.1.32
Default Gateway	10.111.0.1
Obtain DNS Server Address automatically	<input checked="" type="checkbox"/>
DNS Server(s)	10.0.2.166
Register Device at DNS Server dynamically	<input checked="" type="checkbox"/>
HiSLIP Port	4880

A note on the right says: "Attention! Changing the hostname reboots the device!" A 'Submit' button is at the bottom. The status bar at the bottom says "No error".

The "IP Address Mode" selects a configuration mode for the IP address of the R&S SMB. With static configuration, the entered IP address, subnet mask, and default gateway are used. With dynamic configuration, DHCP or dynamic link local addressing (automatic IP) are used to obtain the instrument IP address.

See [Chapter 3.1.15.1, "Assigning the IP Address", on page 30](#).

### Advanced LAN Configuration

The "Advanced Config" page provides LAN settings that are not declared mandatory by the LXI standard.