RUTX14 Ports

The information in this page is updated in accordance with firmware version **RUTX_R_00.07.07.1**.

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Summary

The **Ports** page provides information related to the status of the device's physical ports, as well as the ability to edit port settings.

If you're having trouble finding this page or some of the parameters described here on your device's WebUI, you should **turn on "Advanced WebUI" mode**. You can do that by clicking the "Advanced" button, located at the top of the WebUI.

Port Settings

This section displays information about the status of the device's ports with the ability to configure port settings.

All Ports

The figure below is an example of the **All Ports** window, color indicates port speed and status:

To change port settings select port and press `edit (number of ports) ports` button:

You will be redirected to `Port settings`. From here you can enable/disable ports or change settings.

Field	Value	Description
Enable	off | on; default: **on**	Toggle port on or off.
Auto negotiation	off | on; default: **on**	Auto negotiation allows the device to communicate with devices on the other end of the link to determine the optimal duplex mode and speed for the port.
Link Speed	10Mbps (E) | 100Mbps (FE); default: **10Mbps (E)**	A measure of how fast ports are able to transmit and receive data.
Duplex	Full | Half; default: **Full**	Bidirectional communication system that allows both end nodes to send and receive communication data or signals. Full - sends and receives simultaneously. Half - sends or receives one path at a time.
Advertisement	10M-Half | 10M-Full | 100M-Half | 100M-Full; default: **Auto**	Advertises preferred duplex mode and speed for negotiation with other devices.

Port Status

This section displays port status information. There is also an option to select ports:

Port Mirroring

Port Mirroring (may also be referred to as SPAN (Switched Port Analyzer)) is a service that relays a copy of all network packets - incoming and outgoing on one Ethernet port (Source Port) to another (Monitoring Port).

Field	Value	Description
Monitoring port	Disabled | LAN1 | LAN2 | LAN3 | LAN4; default: **Disabled**	The port which will mirror the packets.
Source port	Disabled | LAN1 | LAN2 | LAN3 | LAN4; default: **none**	Port whose packets will be mirrored.
Enable mirroring of incoming packets	off | on; default: **off**	
Enable mirroring of outgoing packets	off | on; default: **off**	