

FAQ Maxwell - Switch Settings

Introduction

Web-interface: **http://<IP address>/#/Expert**

Login as **admin** and switch to the above URL.

Valid for Maxwell

Basic

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Port Mirroring

Port Mirroring can be activated by setting the switch to "YES".

The NET port will be mirrored to the PC port. Furthermore the PC can be used to access the Web-UI as well.

Link Speed & Duplex Mode

For NET and PC port the settings can be set to a fixed value (see drop-down list).

ATTENTION!

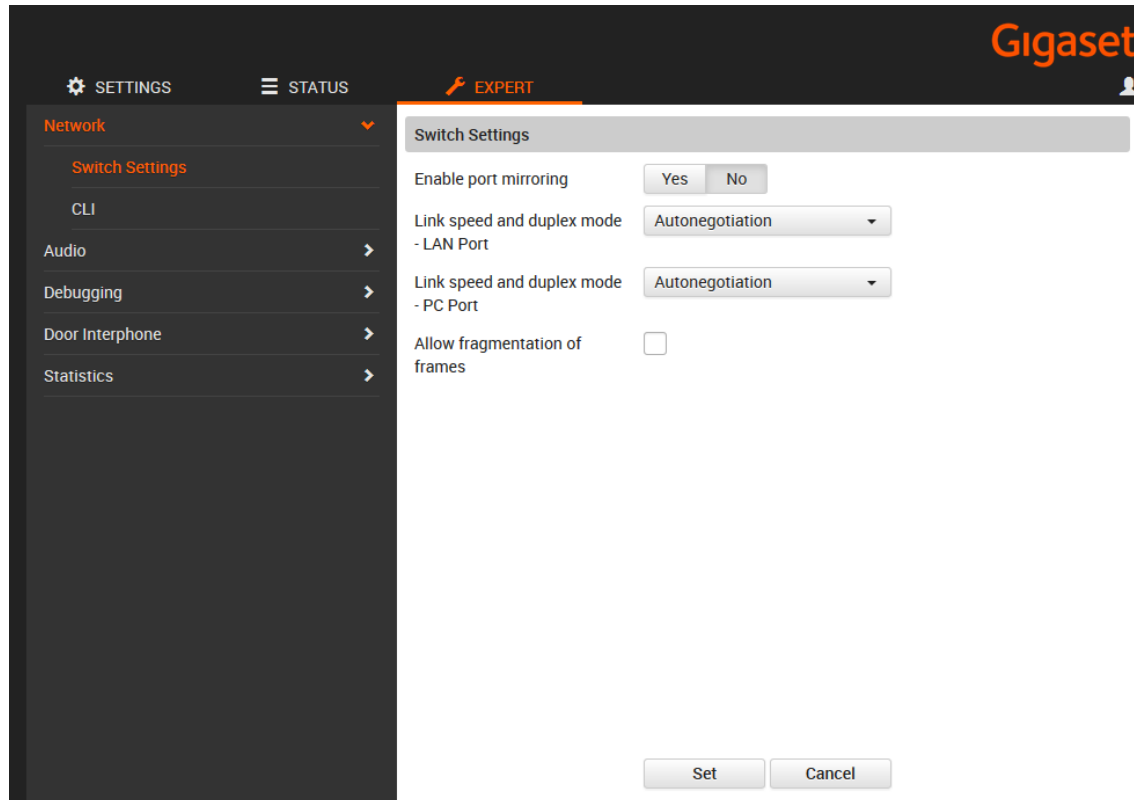
1. This is only working properly, if the Switch port is set to the same value!
2. The speed between Maxwell b3 switch and DSP is fixed to 100 MBit/s

Allow fragmentation

To activate this function the checkbox needs to be activated. On activation the flag "Don't fragment" is unset.

This allows the usage of Maxwell, even if packets/Frames are sent which exceed the MTU (Maximum Transmission Unit) which is normally 1.500 Byte using Ethernet.

Some routers may have a smaller MTU defined.



Auto provisioning

Parameter	Description
NET.SwitchSettings.EnablePortMirroring	Enable port mirroring: 0 = Disabled 1 = Enabled
NETWORK.SwitchSettings.LinkSpeedDuplexLanPort	Link speed and duplex mode - LAN Port Autonegotiation 10 Mbit Half-Duplex 10 Mbit Full-Duplex 100 Mbit Half-Duplex 100 Mbit Full-Duplex 1000 Mbit Full-Duplex
NETWORK.SwitchSettings.LinkSpeedDuplexPcPort	Link speed and duplex mode - PC Port Autonegotiation 10 Mbit Half-Duplex 10 Mbit Full-Duplex 100 Mbit Half-Duplex 100 Mbit Full-Duplex 1000 Mbit Full-Duplex Disabled
NET.SwitchSettings.AllowFragmentation	Allow fragmentation of frames 0 = Disabled 1 = Enabled