

SMAVIA appliances have **two network interfaces** and are equipped with the **SMAVIA Recording Server** software. In addition to the first network interface, which is already available ex works, the second network interface can be activated **from version 9.x.4** with the optional license **DLC - ViProxy Plus**. This license allows the use of the network interfaces in combination with one of the following three functions:

ViProxy

The **ViProxy** function allows the appliance to be connected to two physically separated networks and thus to set up an own network for cameras. It also includes the **WebConfig Routing** function for the comprehensive configuration of Dallmeier network cameras.

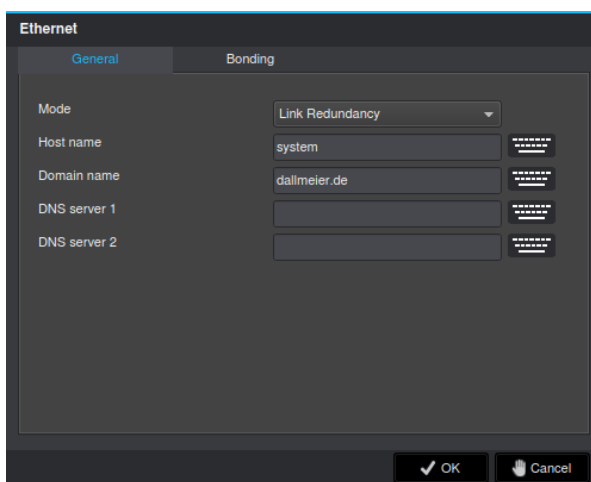
Link Redundancy

The **Link Redundancy** function bundles the two network interfaces into one logical channel and allows **redundant connection of the appliance** to two switches. This enables the compensation of the failure of a complete network channel (e. g. cabling, switch and its power supply).

Data Throughput

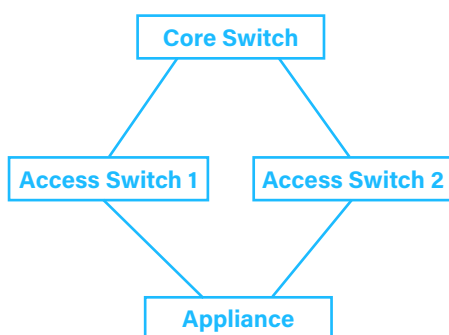
The **Data Throughput** function allows the **bundling of both network interfaces** to one logical channel with double data throughput. This provides **twice the bandwidth** for data traffic between the appliance and the access switch.

The setting of the functions is done in the **Network > Settings > Ethernet** dialog.



Link Redundancy

This function allows the appliance to be connected to two different access switches.



The data traffic usually runs over the first network interface and access switch 1.

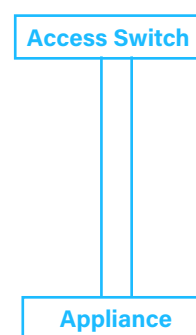
If this network interface, the network cabling, or the access switch fails, data traffic is switched over and continues to run seamlessly through access switch 2.

Requirements

- All interfaces are operated in full duplex mode
- All interfaces operate at 1Gbps
- No special configuration of switches required

Data Throughput

This function allows the bundling of the appliance's network interfaces to a channel with double data throughput.



In the standard system, a bandwidth of 1Gbps is available for data traffic over the first network interface.

By bundling the two network interfaces, twice the bandwidth (2Gbps) is available for data traffic between the appliance and the access switch.

Requirements

- All interfaces are operated in full duplex mode
- All interfaces operate at 1Gbps
- Special configuration of the switches is mandatory



If the access switch is not configured appropriately, a connection cannot be established. Refer to the manufacturer's documentation.