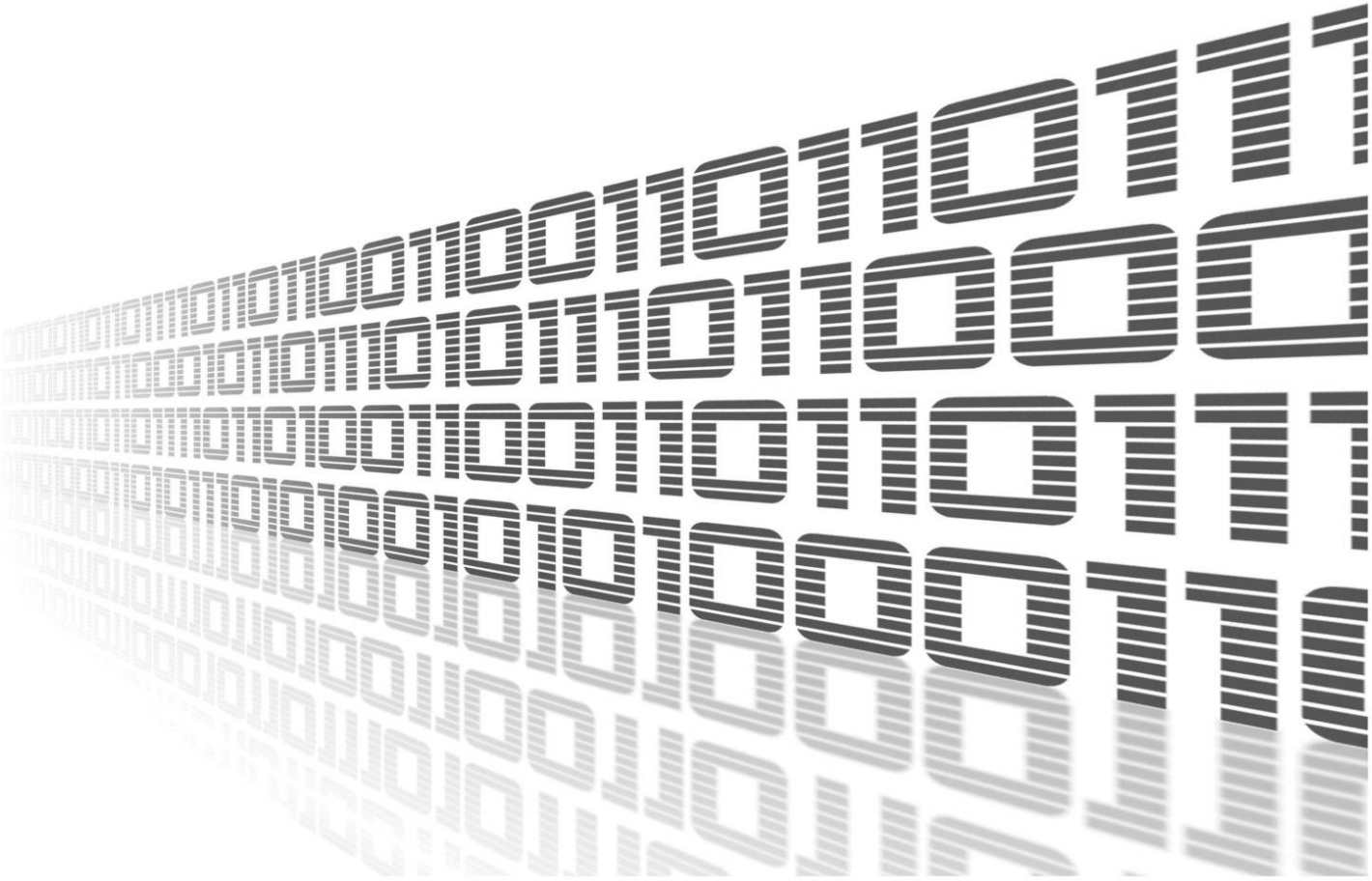
ADVANTECH

RouterApp

Ethernet Mirroring



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Used symbols

Danger – Information regarding user safety or potential damage to the router.

Attention – Problems that can arise in specific situations.

Information – Useful tips or information of special interest.

Example – Example of function, command or script.

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1. Changelog

1.1 Ethernet Mirroring Changelog

v1.0.0 (2018-10-25)

- First release.

v1.1.0 (2020-10-01)

- Updated CSS and HTML code to match firmware 6.2.0+.

2. Module Usage

2.1 Module Description

Ethernet Mirroring router app can be used to set network traffic mirroring from an Ethernet interface to another Ethernet interface.

Please note that this router app is supported by the firmware of version 6.1.8 and higher.

This Router app is not contained in the standard router firmware. Uploading of this router app is described in the Configuration manual (see Chapter Related Documents).

2.2 Web Interface

Once the installation of the module is complete, the module's GUI can be invoked by clicking the module name on the *Router apps* page of the router's web interface. Left part of this GUI contains the menu with *Status* menu section which contains *Overview* and *System Log* items. *Configuration* menu section contains *Global* item and *Customization* menu section contains only the *Return* item, which switches back from the module's web page to the router's web configuration pages. The main menu of the module's GUI is shown in Figure 1.

Figure 1: Main menu

2.3 Module Configuration

Configuration of this router app can be done on *Global* page, under *Configuration* menu section, see Figure 2. All configuration items are described in Table 1.

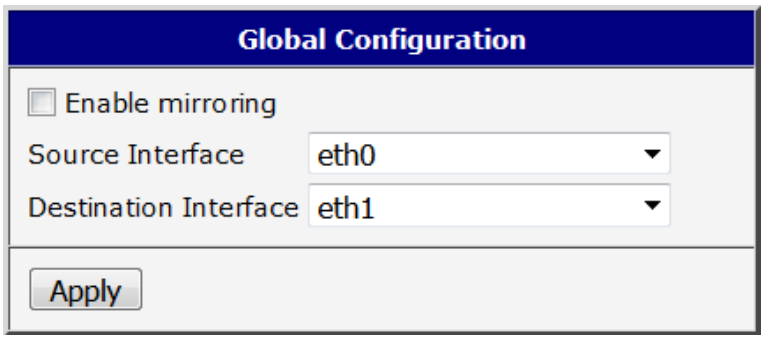

Figure 2: Configuration page

Item	Description
Enable mirroring	If enabled, the functionality of the module is turned on. Please note that this router app is supported by the **firmware of version 6.1.8 and higher**.
Source Interface	Select a source Ethernet interface.
Destination Interface	Select a destination Ethernet interface. Note that this interface cannot be used and IP address cannot be assigned to it. If so, you will get an error when saving the configuration.
Apply	Click the apply button to apply changes in the configuration form.

Table 1: Configuration items description

2.4 Status Pages

There are two pages in the *Status* menu section showing the status information, *Overview* and *System Log* page. The *Overview* page displays information about module state, with information if the module is running or not. *System Log* page display full router system log, not just for the module. In case of any issues, explore this log for the debugging.

3. Related Documents

You can obtain product-related documents on *Engineering Portal* at *icr.advantech.cz* address.

To get your router's *Quick Start Guide*, *User Manual*, *Configuration Manual*, or *Firmware* go to the *Router Models* page, find the required model, and switch to the *Manuals* or *Firmware* tab, respectively.

The *Router Apps* installation packages and manuals are available on the *Router Apps* page.

For the *Development Documents*, go to the *DevZone* page.