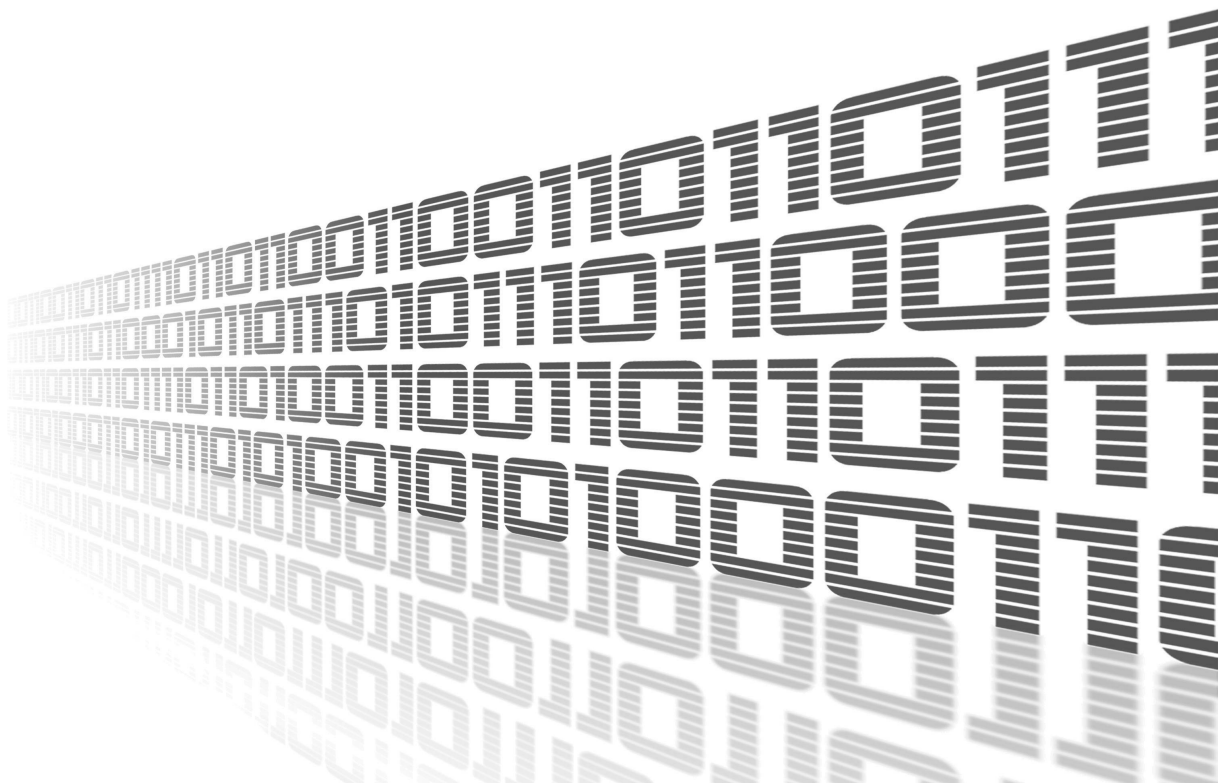




WebAccess/DMP Client

APPLICATION NOTE



Used symbols



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



Attention – Problems that may arise in specific situations.



Information or notice – Useful tips or information of special interest.



Example – Example of function, command or script.



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1. Description of the module



Router app *WebAccess/DMP Client* is not contained in the standard router firmware. Uploading of this router app is described in the Configuration manual (see Chapter [Related Documents](#)).

WebAccess/DMP

Figure 1: Logo

Router App *WebAccess/DMP Client* provides a client that runs inside Advantech routers, to enable them to connect with WebAccess/DMP.

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 router's web interface.

Left part of this GUI contains menu with General menu section and Customization menu section. 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 module's GUI is shown on Figure 2.

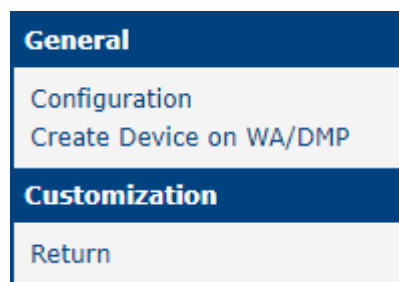


Figure 2: Menu

2.1 General

2.1.1 Configuration

In the *Configuration* section you can set up whole WebAccess/DMP Client.

WebAccess/DMP Client Configuration	
WebAccess/DMP	
<input checked="" type="checkbox"/> Enable WebAccess/DMP Client	
Bootstrap Server Address	<input type="text" value="bootstrap.wadmp.com"/>
Bootstrap Server Port	<input type="text" value="8884"/>
Log Level	<input type="text" value="Information"/> ▼
MQTT KeepAlive Interval	<input type="text" value="60"/> seconds
Enable Monitoring	<input checked="" type="checkbox"/>
Monitoring Interval	<input type="text" value="15"/> minutes
<input type="button" value="Apply"/>	

Figure 3: Configuration

Item	Description
Enable WebAccess/DMP Client	Enables the WebAccess/DMP Client functionality.
Bootstrap Server Address	URL of a bootstrap server.
Bootstrap Server Port	Port, where the bootstrap service is listening.
Local Log Level (all router logs are saved locally in the syslog folder)	<p>Detail level in the logging system. Available detail levels (from the briefest to most detailed) are:</p> <ul style="list-style-type: none"> • Error - error events that might still allow the application to continue running. (ERROR events) • Warning - potentially harmful situations. (ERROR + WARN events) • Information - informational messages that highlight the progress of the application at coarse-grained level. (ERROR + WARN + INFO events) • Debug - fine-grained informational events that are most useful to debug an application. (ERROR + WARN + INFO + DEBUG events) • Trace - finer-grained informational events than the <i>DEBUG</i>. (ERROR + WARN + INFO + DEBUG + TRACE events)
MQTT KeepAlive Interval	Heartbeat interval for the client and for server not to close the connection.
Enable Monitoring	Enables monitoring service messages.
Monitoring Interval	Sending period of monitoring messages. Interval is in minutes with the maximum of 20160 minutes (2 weeks).

Table 1: WebAccess/DMP Client Configuration

2.1.2 Create Device on WA/DMP

In this section you will find this routers credentials to add to WebAccess/DMP.

Create Device on WA/DMP	
MAC Address:	02:AD:FF:00:00:56
Serial Number:	ACZ1199000000561
IMEI:	861107030677158
Device Type:	SPECTRE-v3-LTE
Firmware Version: 6.3.2 (2021-09-30)	

Figure 4: Emails

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.