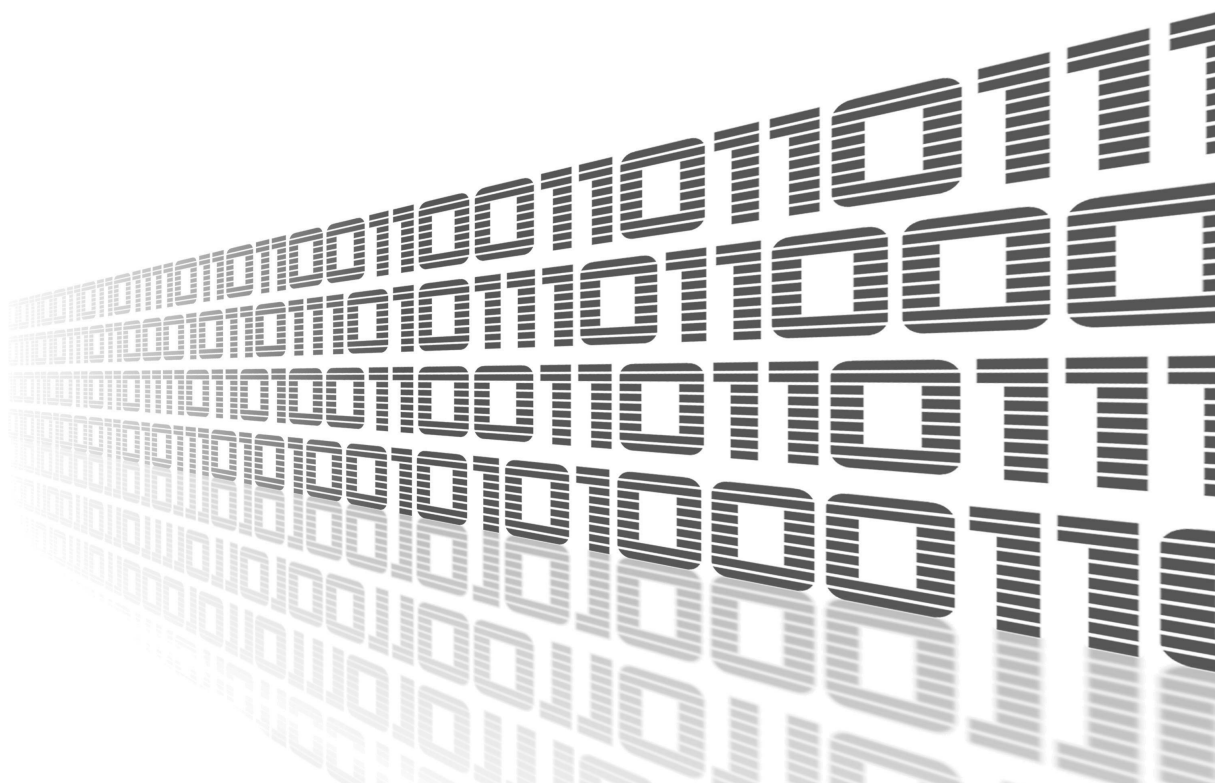




User Module

# WebAccess/DMP Client

APPLICATION NOTE



**ADVANTECH**

### 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



This user module is not installed on *Advantech* routers by default. See *Configuration Manual* for the description how to upload a user module to the router. For more information see the *Configuration manual*, chapter *Customization* → *User Modules*.



The user module is v2, v3 and v4 router platforms compatible.

# 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 User modules 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.

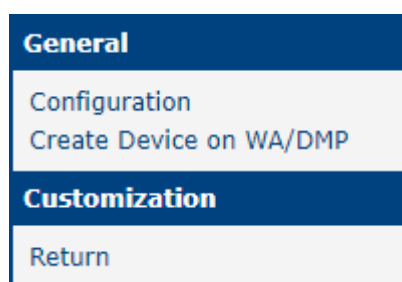


Figure 2: Menu

## 2.1 General

### 2.1.1 Configuration

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

| WebAccess/DMP Client Configuration                              |  |
|---|--|
| <b>WebAccess/DMP</b>  |  |
| <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<br>(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"> <li>• Error - error events that might still allow the application to continue running. (ERROR events)</li> <li>• Warning - potentially harmful situations. (ERROR + WARN events)</li> <li>• Information - informational messages that highlight the progress of the application at coarse-grained level. (ERROR + WARN + INFO events)</li> <li>• Debug - fine-grained informational events that are most useful to debug an application. (ERROR + WARN + INFO + DEBUG events)</li> <li>• Trace - finer-grained informational events than the <i>DEBUG</i>. (ERROR + WARN + INFO + DEBUG + TRACE events)</li> </ul> |
| 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  |
|--|
| <p>MAC Address: 02:AD:FF:00:00:56</p> <p>Serial Number: ACZ1199000000561</p> <p>IMEI: 861107030677158</p> <p>Device Type: SPECTRE-v3-LTE</p> |
| Firmware Version: 6.3.2 (2021-09-30)   |

Figure 4: Emails

### 3. Related Documents

- [1] Advantech Czech: **v2 Routers Configuration Manual** (MAN-0021-EN)
- [2] Advantech Czech: **SmartFlex Configuration Manual** (MAN-0023-EN)
- [3] Advantech Czech: **SmartMotion Configuration Manual** (MAN-0024-EN)
- [4] Advantech Czech: **SmartStart Configuration Manual** (MAN-0022-EN)
- [5] Advantech Czech: **ICR-3200 Configuration Manual** (MAN-0042-EN)
- [6] Advantech Czech: **ICR-4400 Configuration Manual** (MAN-0062-EN)



Product-related documents can be obtained on *Engineering Portal* at [icr.advantech.cz](http://icr.advantech.cz) address.