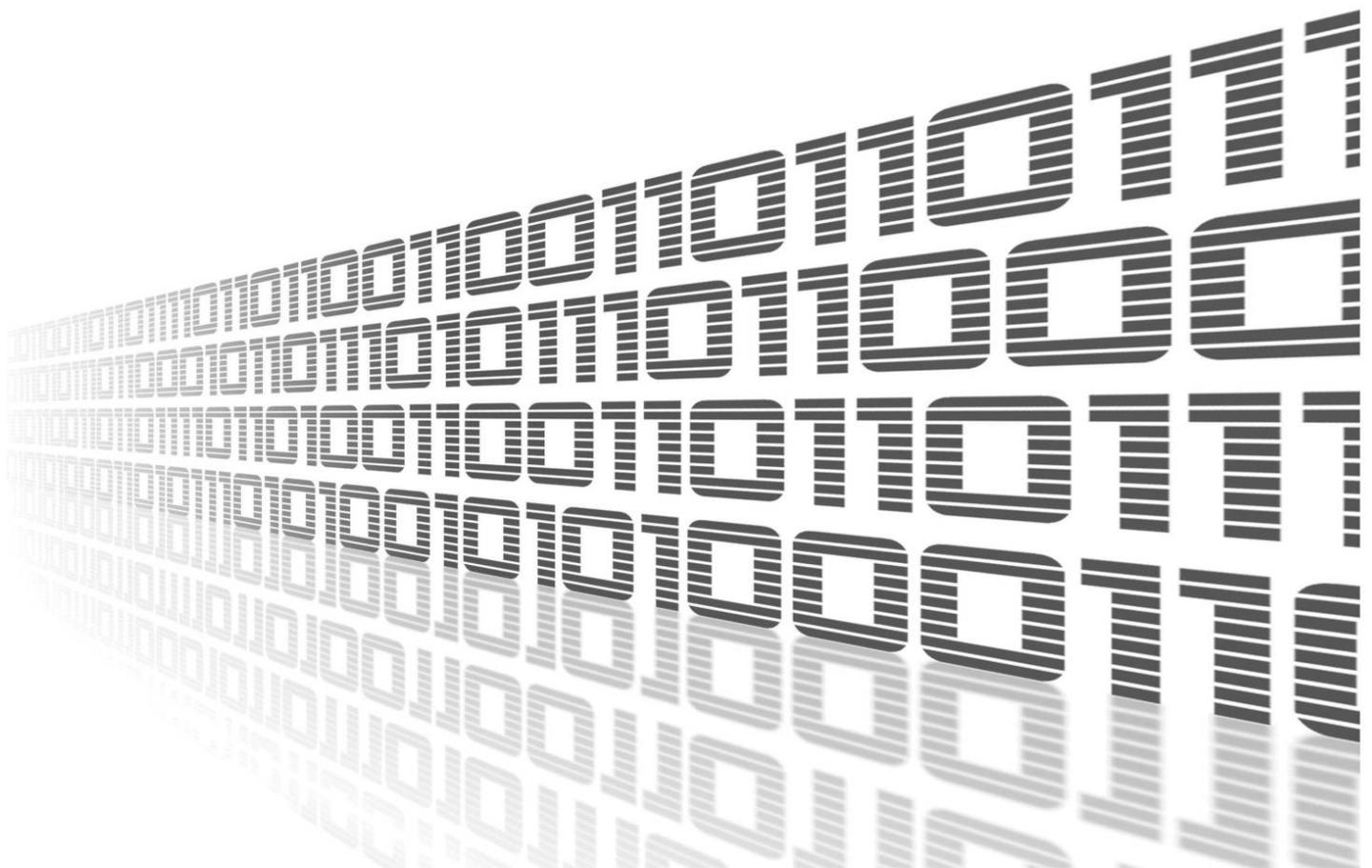


ADVANTECH



WebAccess/DMP Client



© 2025 Advantech Czech s.r.o. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photography, recording, or any information storage and retrieval system without written consent. Information in this manual is subject to change without notice, and it does not represent a commitment on the part of Advantech.

Advantech Czech s.r.o. shall not be liable for incidental or consequential damages resulting from the furnishing, performance, or use of this manual.

All brand names used in this manual are the registered trademarks of their respective owners. The use of trademarks or other designations in this publication is for reference purposes only and does not constitute an endorsement by the trademark holder.

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.

Contents

1. Description of the module	1
2. Web Interface	2
2.1 General	3
2.1.1 Configuration	3
2.1.2 Create Device on WA/DMP	4
2.1.3 WA/DMP VPN Status	5
3. Related Documents	6

List of Figures

1	Logo	1
2	Welcome Page	2
3	Menu	2
4	Configuration	3
5	Emails	4
6	VPN Status	5

List of Tables

1	WebAccess/DMP Client Configuration	4
---	------------------------------------	---

1. Description of the module



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



The logo consists of the text 'WebAccess/DMP' in a bold, sans-serif font. 'WebAccess' is colored blue, and '/DMP' is colored green.

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 the router's web interface.

If the device is already connected to the WebAccess/DMP, you will see a welcome page prompting you to decide whether to keep the connection to the platform of WebAccess/DMP.

The page provides the following options:

- Agree – Keep the connection to WebAccess/DMP.
- Disagree – Terminate the connection to WebAccess/DMP immediately.

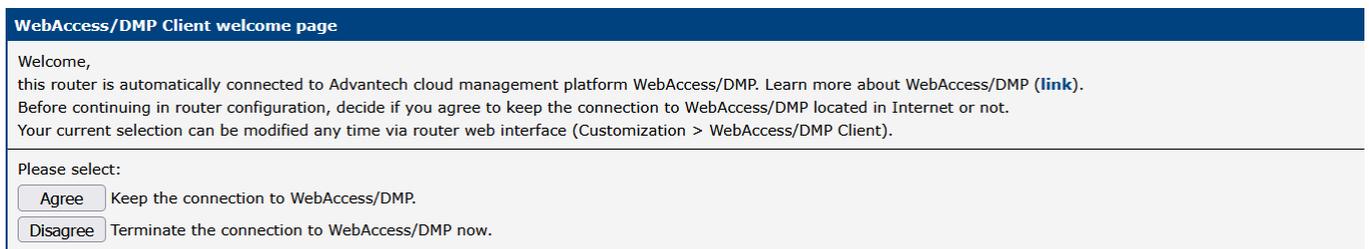


Figure 2: Welcome Page

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.

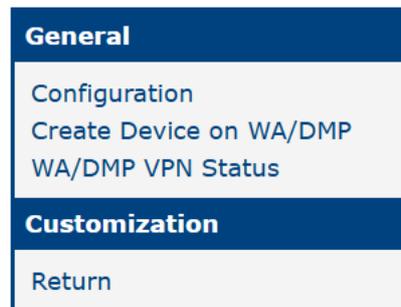


Figure 3: Menu

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.wadmp3.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 4: 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:00:01:04
Serial Number: ACZ1199000001049
IMEI: 354222364271355
Device Type: ICR-244x
Firmware Version: 6.5.3

Figure 5: Emails

2.1.3 WA/DMP VPN Status

VPN Status section provides information related to the Virtual Private Network (VPN) connection, as showcased on the picture below.

WebAccess/DMP Client

The screenshot displays the 'WebAccess/DMP Client' interface. On the left is a navigation menu with the following items: 'General', 'Configuration', 'Create Device on WA/DMP', 'WA/DMP VPN Status' (highlighted with a red box), 'Customization', and 'Return'. The main content area is titled 'WA/DMP VPN Status' and contains a sub-section 'Wireguard Tunnel Configuration'. A red arrow points from the 'WA/DMP VPN Status' menu item to this sub-section. The configuration details are as follows:

```
Interface: wg-dmp
public key: [REDACTED]
private key: (hidden)
listening port: 48850

peer: [REDACTED]
endpoint: [REDACTED]
allowed ips: 10.8.0.0/16
latest handshake: 1 minute, 27 seconds ago
transfer: 13.05 KiB received, 64.60 KiB sent
persistent keepalive: every 25 seconds
```

Figure 6: VPN Status

3. Related Documents

You can obtain product-related documents on *Engineering Portal* at icr.advantech.com 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 [Development](#) page.