

Server Software for the DMVC iPhone App

DMVC iPhone Server





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1 Introduction

1.1 Validity

This document applies to the server software **DMVC iPhone Server**. The descriptions in this document are based on the software version 1.0.6.0.

Figures in this document may differ from the actual product.

1.2 Documents

Installation

The document **Installation** contains detailed descriptions of the installation and commissioning of the software. General information on the appropriate use is also provided.

The target audience of this document is trained and authorized professionals (installers).

Configuration (this document)

The document **Configuration** contains descriptions on how to configure and operate the software.

The target audience of this document is trained and authorized professionals (installers).

1.3 Conventions

This following warning word and symbol indicates potential sources of danger.

NOTICE

NOTICE indicates practices for preventing property damage, incorrect configurations or faulty operations.

Various character formats are used to increase the clearness of the document:

Instruction are indicated with an arrow (➤).

Expressions in **bold/italics** generally indicate a control element on the user interface (buttons, menu entries).

Paragraphs in italics provide information on basic principles, special features and efficient procedure as well as general recommendations.

2 General Notes

2.1 Appropriate Use

The **DMVC iPhone Server** software is a video server for the connection of a local network consisting of several Dallmeier recording systems to the internet via a common external IP address. In connection with the smartphone application DMVC it allows the user to access all live pictures or recordings via 3G / UMTS or WiFi at any time and from any place.

2.2 Features

DMVC iPhone Server is characterized by the following functions and properties:

- Simultaneous access of 5 clients
- Access to up to 4 recorders
- Supports HD cameras
- With routing function only one IP address is necessary
- Integrated client white list
- Integrated user management
- Suitable for Dallmeier recorders without PRemote
- Suitable for Dallmeier recorders as of software version 7.1.0

Note that mirror track recordings of PRemote connections (PView 7, SMAVIA Viewing Client) are not supported.

2.3 System Requirements

- Operating system Microsoft[®] Windows[®] 7 (32/64 Bit) or Windows XP
- Intel QuadCore 2.33 GHz CPU (or comparable)
- 2 GB RAM
- 100/1000 Mbps Ethernet interface
- Drive space 200 MB

2.4 Warranty

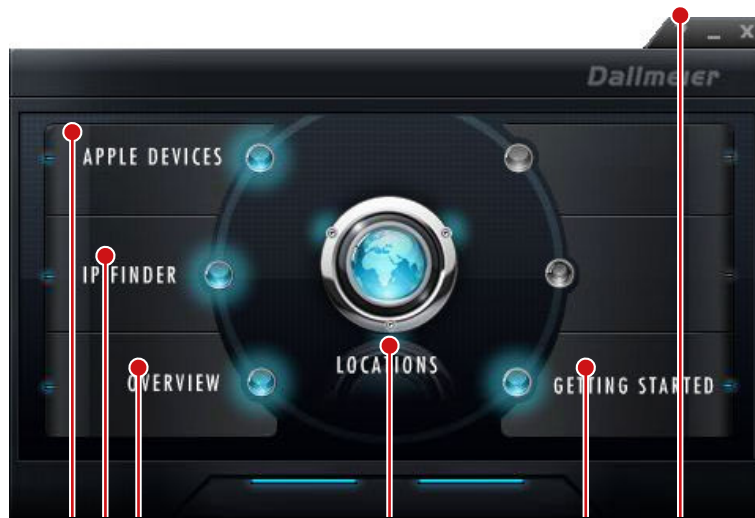
The terms and conditions valid at the signing of the contract shall apply.

3 User Interface

After the successful installation, the DMVC iPhone Server programme icon is displayed on the desktop.

- Connect the DMVC iPhone Server license dongle to the device.
- Open DMVC iPhone Server with a double-click on the programme icon.

The graphical user interface is displayed in the initial state.



A B C

D

E F

Fig. 3-1

A Apple Devices

Definition and administration of clients (DMVC iPhone App on iPhone or iPad)

B IP-Finder

Automated search for hosts (recording systems) with definition

C Overview

List of the defined hosts and clients with access permission

D Locations

Administration of the defined hosts

E Getting Started

Display of the documentation (PDF)

F Info Dialogue

Display of general data and version number

4 Configuration

DMVC iPhone Server is a dedicated video server for Dallmeier recording systems and does not require an extensive configuration. First, the recording systems (hosts) are defined according to the number of licenses. After that, the clients (DMVC iPhone App on iPhone or iPad) are defined and linked to the hosts according to their access rights.

4.1 Hosts

The integrated function **IP Finder** shows all Dallmeier recording systems available in the local network. It can be used directly or via the administration of the hosts, as shown in the following example.

- Click the **Locations** button.

The (still empty) list of recording systems is displayed.

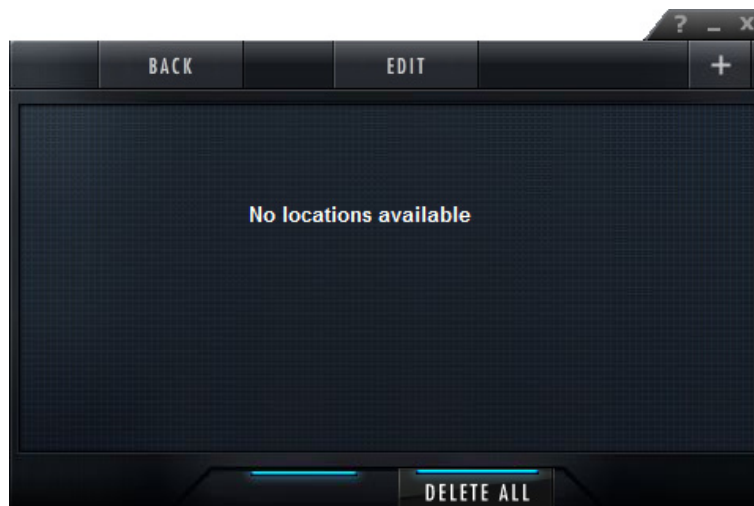


Fig. 4-1

- Click the **+** button.

The function **IP Finder** is started. The list of the available hosts is displayed.



Fig. 4-2

➤ Click the relevant recording system.

The **Add recorder** dialogue is displayed.

Fig. 4-3

Name

Any text can be entered as name of the recording system. But it must be entered in the DMVC iPhone App for identification of the recording system correctly.

Access data of the recording system

Note the configuration of the recording system. The login mode can be set to user login (user name and password are required) or group login (only the password is required).

Access data for the recording system

For security reasons the actual access data of the recording system should not be known outside the local network. The user name and the password for the access of a client (DMVC iPhone App) via DMVC iPhone Server are defined separately in the **Device** column.

- Enter any text as **Name** of the recording system.
- Enter the **access data of the recording system** in the **Recorder** column.
- Enter any text as **access data for the recording system** for client use in the **Device column**.
- Finally confirm with **OK**.

The list of the recording systems is displayed.

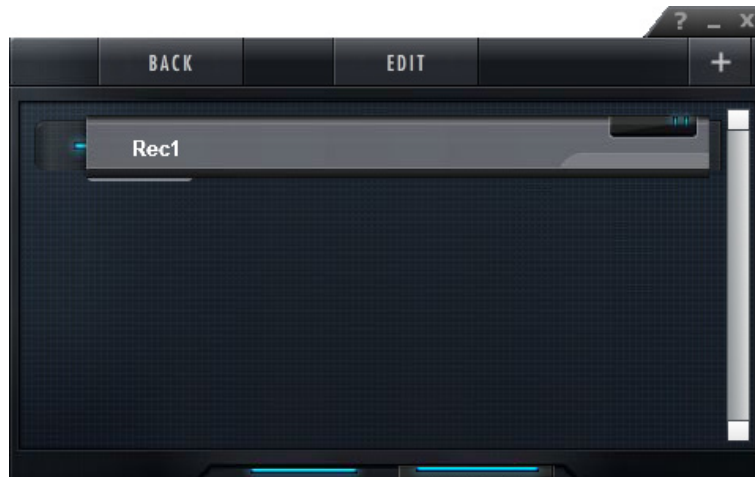


Fig. 4-4

- Click the **Edit** and then a recording system to modify the access data.
- Click a recording system directly to see the connected cameras.



Fig. 4-5

The display of a cameras live video in a larger window can be started with a click on the relevant camera.

- Proceed as described for the definition of further recording systems.

4.2 Clients

The identification of a client with access permission is made by using the application ID (AppID) individually created during the installation of the DMVC iPhone App on the iPhone or iPad.

- Ensure that the relevant AppIDs are available.
- Click the **Apple Devices** button.

The (still empty) list of the defined clients is displayed.

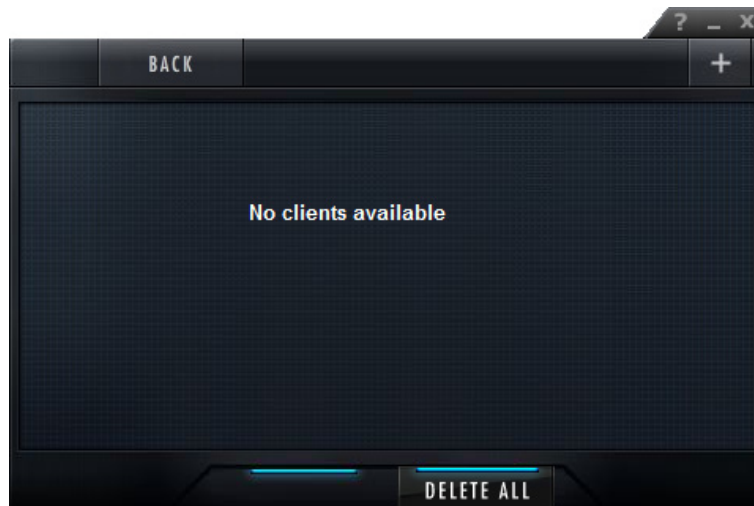


Fig. 4-6

- Click the **+** button.

The dialogue for the entry of the client data is displayed.

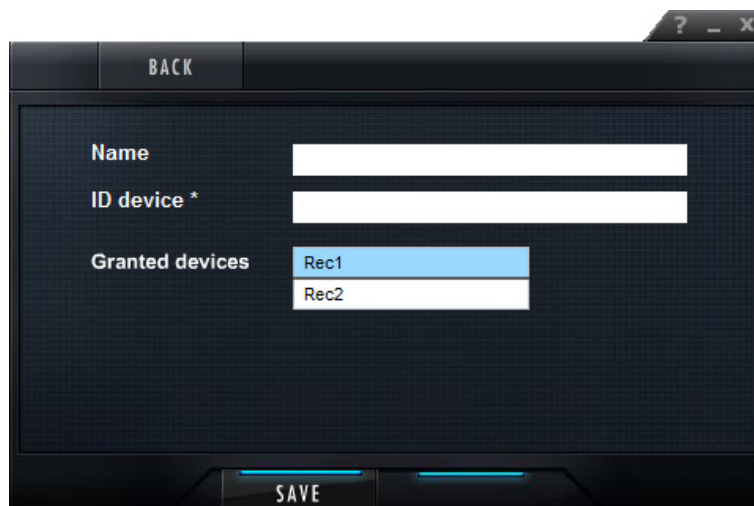


Fig. 4-7

Name

The name for the client can be any text and is used for internal identification only.

ID device

This field is provided for the entry of the application ID (AppID). The AppID is determined individually during the installation of the DMVC iPhone App and identifies an iPhone or iPad definitely.

*You can find the Application ID in the **DMVC iPhone App** in **Settings / App ID**.*

Granted devices

The defined recording systems are displayed as buttons / switches. Recording systems that the client is allowed to access are selected with a click and then displayed in blue (multiple selection with **Alt Gr** + click).

- Enter any desired **Name** for the client.
- Enter AppID of the DMVC iPhone App as **ID device**.
- Set the relevant recording systems.
- Finally confirm with **SAVE**.

The list of the clients is displayed.

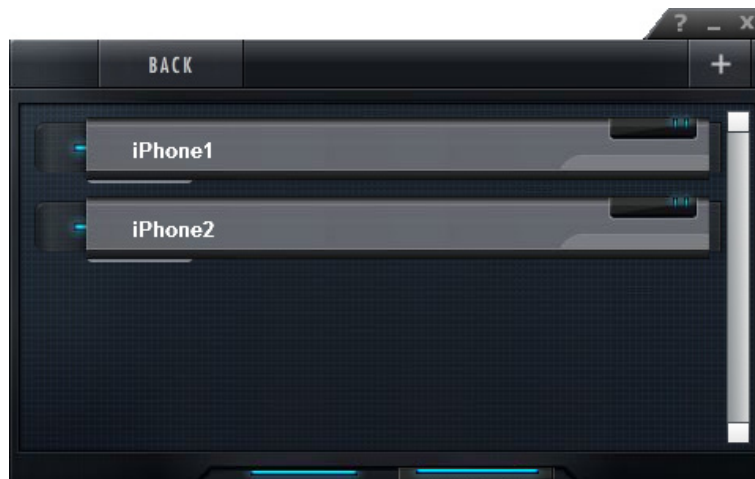


Fig. 4-8

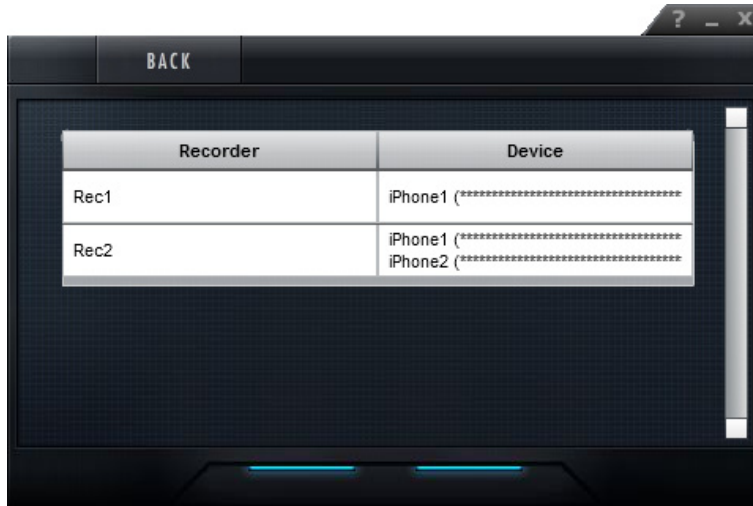
- Click a client to change the data.
- Proceed as described to define further clients.

4.3 Overview

DMVC iPhone Server offers a simple overview for an easy check of the defined recording systems and attributed clients.

- Click the **Overview** button.

The list of defined recording systems and attributed clients is displayed.



The screenshot shows a web application interface with a dark theme. At the top left, there is a 'BACK' button. The main content area displays a table with two columns: 'Recorder' and 'Device'. The table contains two rows of data. The first row shows 'Rec1' under 'Recorder' and 'iPhone1 (' followed by a long string of asterisks under 'Device'. The second row shows 'Rec2' under 'Recorder' and 'iPhone1 (' followed by a long string of asterisks under 'Device', and 'iPhone2 (' followed by a long string of asterisks on the line below. The interface also includes a search icon, minus sign, and close icon in the top right corner, and a vertical scrollbar on the right side of the table.

Recorder	Device
Rec1	iPhone1 (***** *****
Rec2	iPhone1 (***** ***** iPhone2 (***** *****

Fig. 4-9

- Check the attributions.
- Make modifications if necessary.