Introduction

We as r2p like inform our customers and partners about our product setup recommendations to make the use of our products more secure and meet the General Data Protection Regulation (GDPR).

To ensure that safety installations are considered, we recommend to change all default account and password settings the following system configurations in terms of GDPR.
We also recommend that you keep the disk lock keys and software installation media safe.

Digital Camera

For further information regarding the details and how to connect to the web interface, please refer to the corresponding user manual.

Use of access:

You can add users (as guests) by using the function "**Add user**".

System > User Management > Add user

Add User	
Username:	
Password:	
Confirm:	
	Add/Set

➢ The new (guest) user will be added into the User List.

ⓘ Guest users have no rights to do changes in the configuration menu.

Admin password change:

You can change the admin password in the "**User List**".

System > User Management > User List

User List			
Username	User Group	Modify	Remove
admin	Administrator	Edit	------
css_stream	Guest	Edit	Remove

Click on "**Edit**" to change the password.

ⓘ If you change the password for the camera you need to ensure that the password will be changed for the use with the recorder (incl. Mobile Manager) in the Mobile Manager software as well. Please refer to the chapter **7.2.5.1** section "**User**" and "**Password**" in the Software manual of the Mobile Manager.

Admin password recommendation:

ⓘ Follow the rules to meet the required security level. The password should contain 8-32 characters and the following character types: Upper case letters and lower case letters, decimal digit numbers and special characters.

Firmware update:

With the function "**Firmware Upgrade**" you have the possibility to update the firmware for the camera.

System > System Update > Firmware Upgrade

| Firmware Upgrade	
Firmware Version:	VK1.0.36_AI
MCU Version:	FC
New Firmware:	Browse...
	Upgrade

Recorder

For further information regarding the details and how to connect to the recorder, please refer to the corresponding user manual.

Adding extra password for connecting to the recorder

You can add an extra password for the recorder. Click the following:
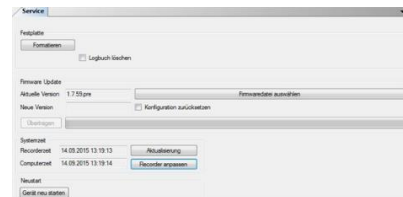
Device Details > **Configuration > System**
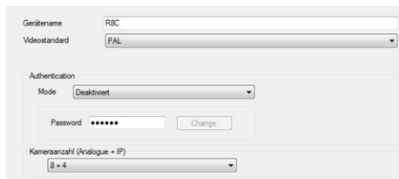
1. Change the Authentication Mode to "Basic Authentication".
2. Enter password in the input field "Password".
3. Click "Change."
4. Click "Apply".

Firmware update

You can update the firmware in the configuration menu "**Service**".

Device Details > **Service**

1. To update the firmware click on "Select firmware file".
2. Select the desired file.
3. Restart the device to integrate the new firmware.

Data storage encryption on internal disks

You can set configurations to protect and encrypt your recordings.

Device Details > **Configuration > Recordings > Password protection**

1. Tick the check box "Use playback protection" for the password protection of recorded videos. Set a new password by filling in the input fields.

→ *password for opening the camera recordings and/or MV2 files.*

ⓘ Ensure that once the password is lost/forgotten there is no backup solution to recreate your password. You are not able to have access to the camera recordings and the files anymore.

2. Tick the check box "Use AES encryption" for the encryption of recorded videos. → *file encryption*

ⓘ AES encryption needs additional CPU usage. Before enabling this setting please contact your project manager.

Admin password recommendation:

ⓘ Follow the rules to meet the required security level. The password should contain 8-32 characters and the following character types: Upper case letters and lower case letters, decimal digit numbers and special characters.
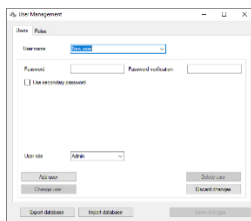
Mobile Manager

For further information regarding the details and how to connect to the software, please refer to the corresponding user manual.

Use of access

You can add users (e. g. as guests) by creating new users in the "**User Management**".

**System > User Management > Users**

1. Add a user by clicking into the field "User name" and filling in the input field.
2. Enter the necessary input fields (password, user role: e.g. "guest" etc.).

➢ You can select the permissions for each user (Mobile Manager permissions).

3. Click "Add user".
4. Click "Save changes".

Roles and responsibilities

Mobile Manager restricting access

You can create and use personalized user accounts in the "**User Management**".
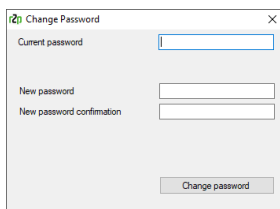
System > User Management > Roles
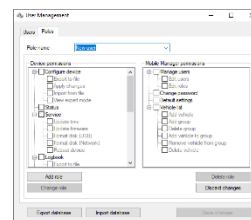
1. Add a role for a user by clicking into the field "Role name" and filling in the input field.
2. Select the necessary permissions for each role.
3. Click "Add role".
4. Click "Save changes".

Default account - Admin password change

You can change the admin password in the "**User List**".

System > Change Password

Change the password and confirm with "Change password".

Admin password recommendation:

ⓘ Follow the rules to meet the required security level. The password should contain 8-32 characters and the following character types: Upper case letters and lower case letters, decimal digit numbers and special characters.

Download video handling

Wipe unused downloads with an appropriate software:
e. g. http://www.fileshredder.org/

1. Permanently wipes sensitive data on partitions and disk volumes.
2. Prevent recovery of those data.

💡	**General Advices**
	• Store and maintain your account and passwords in secure environment and adopt appropriate common procedures. • r2p is not able to recover accounts or passwords.

By making this document available, r2p GmbH cannot give any warranty as to its accuracy or completeness and does not accept any liability. Furthermore, r2p GmbH reserves the right to make changes and improvements to any of the products described in this document without prior notice.