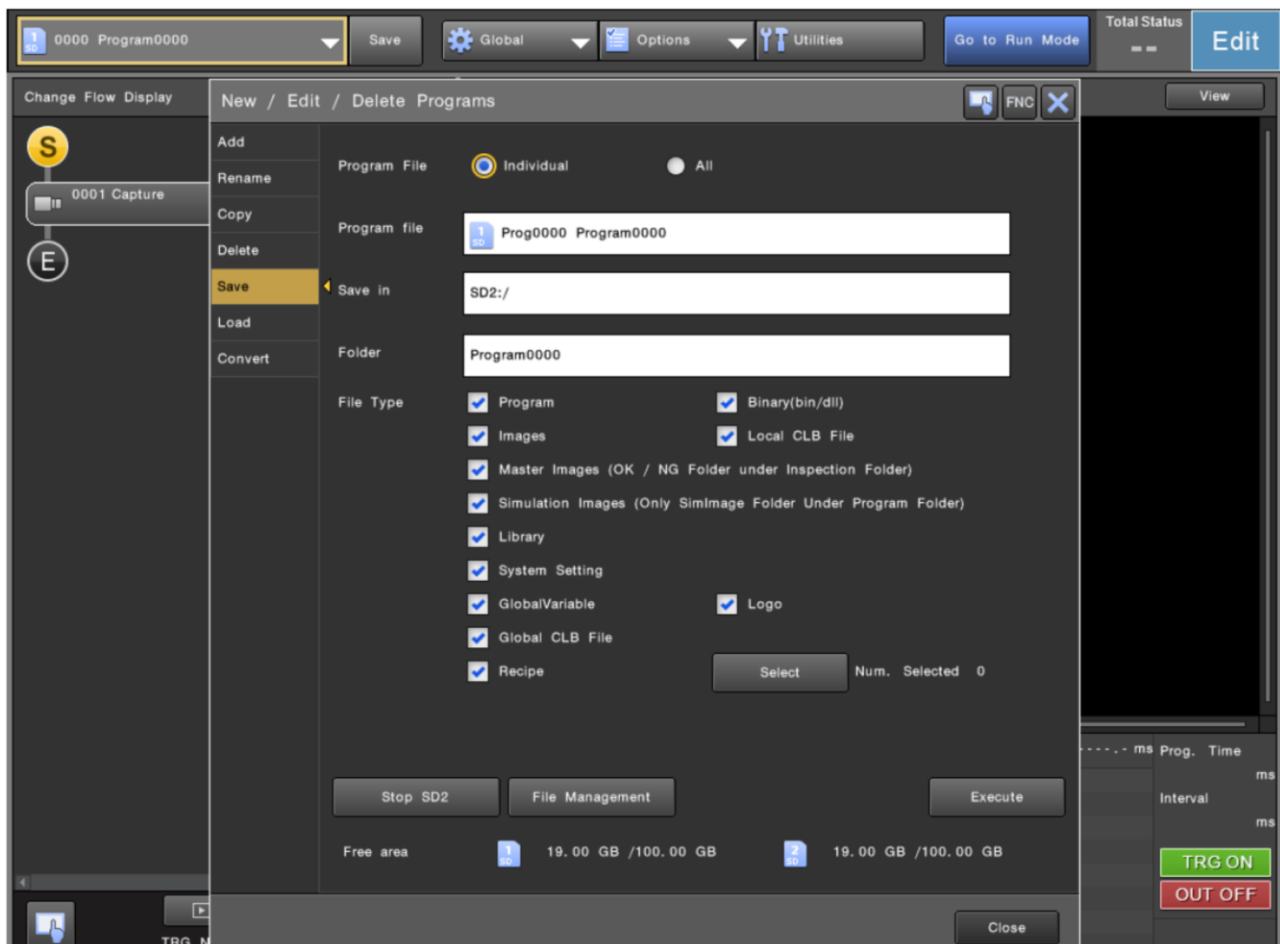


## ViConT GmbH

Instructions for downloading/uploading programs via SD-Card on XG-X Keyence Systems.

### - **Save/Backup Programs:**

1. On Setup mode, select [New/Edit/Del Programs] from the [Program No.] menu.  
The [New/Edit/Delete Programs] screen appears.
2. Select [Save].
3. Choose [Individual] for [Program File] or [All] if needed.



4. Select [Program file] and choose the program to save, if [Individual] was selected.
5. Under [File Type], check everything.
6. Select [Save in] and specify where to save the data. SD2 in this case.  
Specify a folder as necessary because the controller manages all program files by folder name.
7. Select [Folder] and specify the name of the folder to which the data will be saved.
8. Select [Execute].

The controller starts saving the selected program files / settings.

When the settings have been saved, a confirmation screen appears.

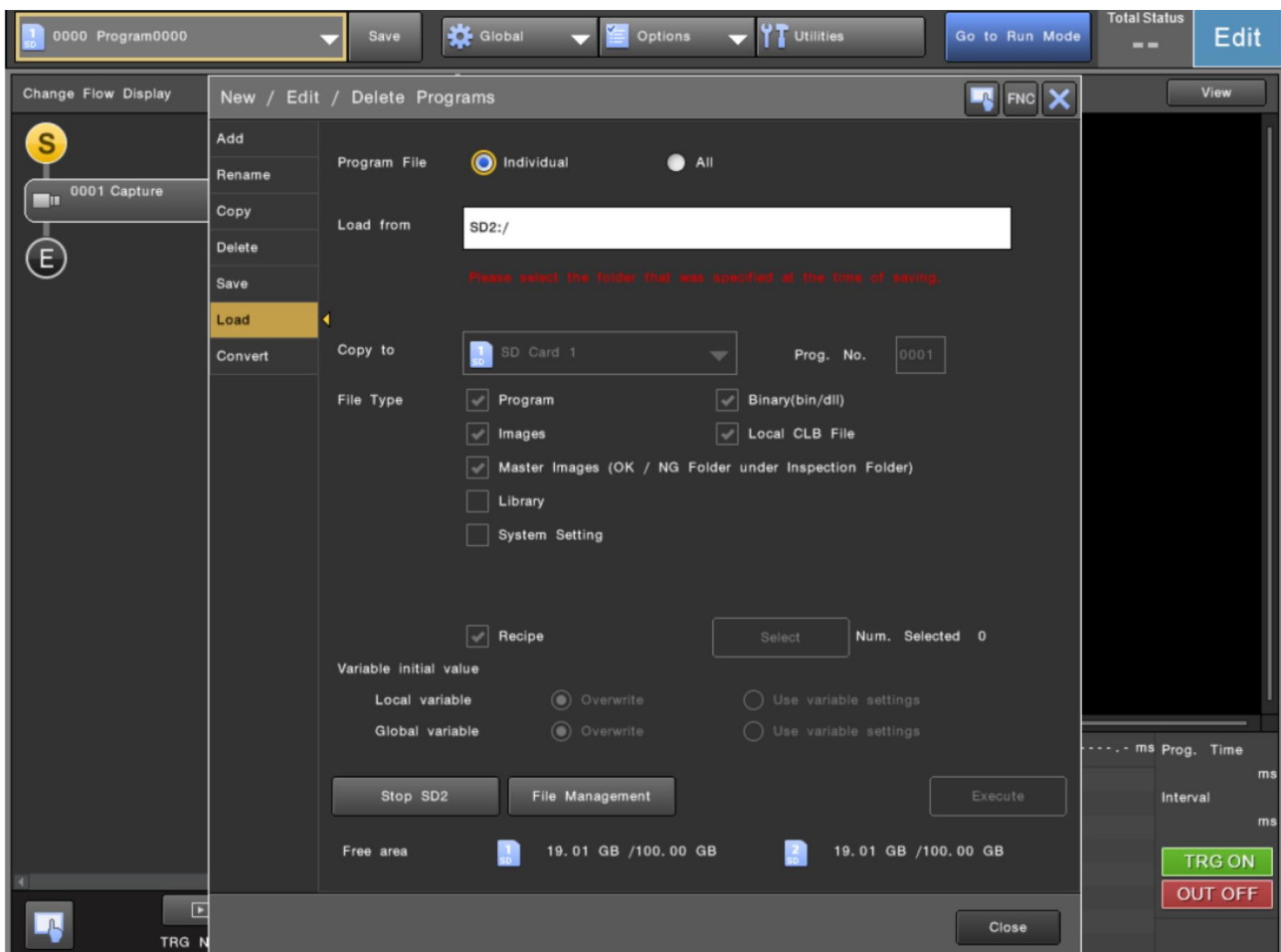
Saving/Loading Programs 9 Select [Close].

## - Load Programs:

Download and unzip the .zip file sent by us and copy the whole folder into the SD-Card using a Computer. Insert the SD-Card into the SD2 Slot on the Keyence Controller.

The following operations cannot be performed if an appropriate SD card is not inserted.

1. On Setup mode, select [New/Edit/Del Programs] from the [Program No.] menu.  
The [New/Edit/Delete Programs] screen appears.
2. Select [Load].
3. Choose [Individual] for [Program File].



4. Select [Load from] and specify the location of the files send by us. Select the program to load after designating the folder specified during export as the import source.
  - The subsequent operations cannot be performed if the folder containing the setting values is not specified correctly. Importable folders containing the setting values are shown by the following icons:



(when the folder is not selected) and



(when the folder is selected).

5. Under [File Type], only Program must be checked, if not instructed otherwise.
6. Select [Copy to] and choose SD Card 1.

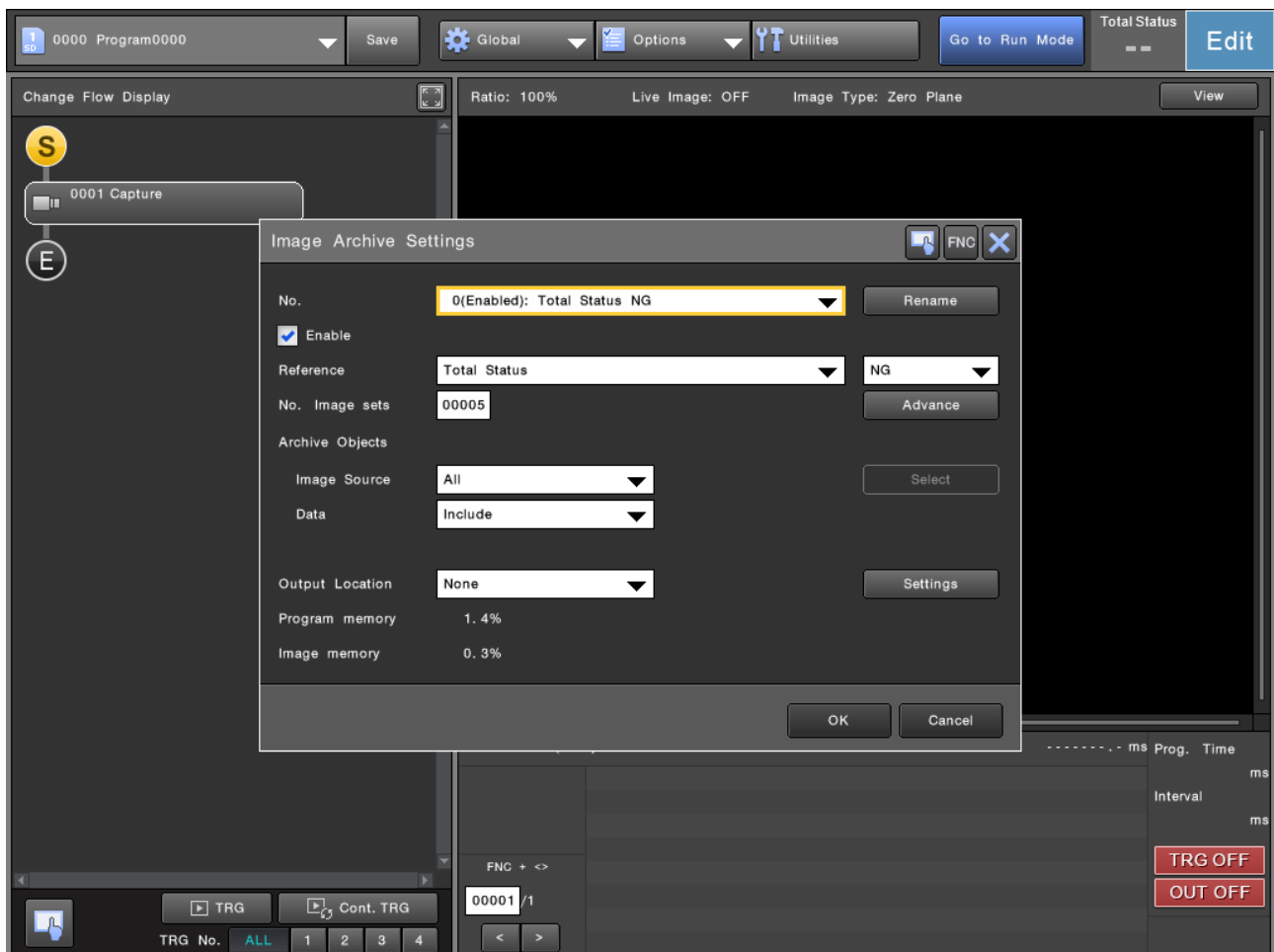
7. Select [Prog. No.] and then choose the **correct** program number to load the data to. It will be instructed which programs have to be chosen. If all 4 programs are to be loaded, then on 3. Instead [Individual], [All] must be selected. And there will be no step 7.
8. Select [Execute]. The controller loads the selected files / settings. When loading operation is completed, a confirmation screen appears.
9. Select [Close].

If [System Setting] is checked for [File Type], the system setting data are not applied until the controller is restarted. The controller can be restarted by selecting [Restart now] from the confirmation screen.

## - Image output

Output of only bad images is already activated.

1. On Setup Mode, select [Image Archive Settings] on the [Utilities] screen.  
The [Image Archive Settings] screen appears.



On the [Image Archive Settings] screen, you can check the current list of image archive conditions and the controller memory usage with regards to the current program No.

2. Choose the image archive condition No. to set criteria for. In this case, all.
3. Check the enable box to enable the archive setting. When you check this box, the controller will allocate memory according to the selected archive criteria settings.
4. Choose the output location where images and archive result data are automatically output to when the archive criteria are met. Under Settings, choose a folder Name and the type of images naming.

- Select FTP server. Images can also be stored on an SD Card or a USB HD.

Server:

IP Address: 192.168.50.246

Username: sr1000

Password: sr1000

Port: 21

The screenshot shows the 'Settings' dialog box with the 'FTP Settings' tab selected. The 'Destination' field is set to '/Testbilder/Long1/'. The 'New Folder Rule' section has 'No. Images' selected with a value of '01000' Files. The 'File Naming Rule' section has 'Auto' selected. The 'Data Filename' is '[YMMDD]\_[hhmmss]\_[COUNT]\_[No.].hst' and the 'Image Filename' is '[YMMDD]\_[hhmmss]\_[COUNT]\_[No.][Image Variable Name].bmp'. The 'Image Format' is set to 'BMP'. There are 'OK' and 'Cancel' buttons at the bottom right.

This output does not rename images and folders with the ID like the one for bad images does. The Images here will only have date and time on them, so the Images must be later manually organized.

5. Select [OK]