



TECHMAN ROBOT

TECHMAN ROBOT

A leading company in collaborative robot and vision technologies.

Backup/Restore function is added. (Max. backup for 3 versions)

Outline

- Purpose

 - Backup/Restore function is added. (Max. backup for 3 versions)

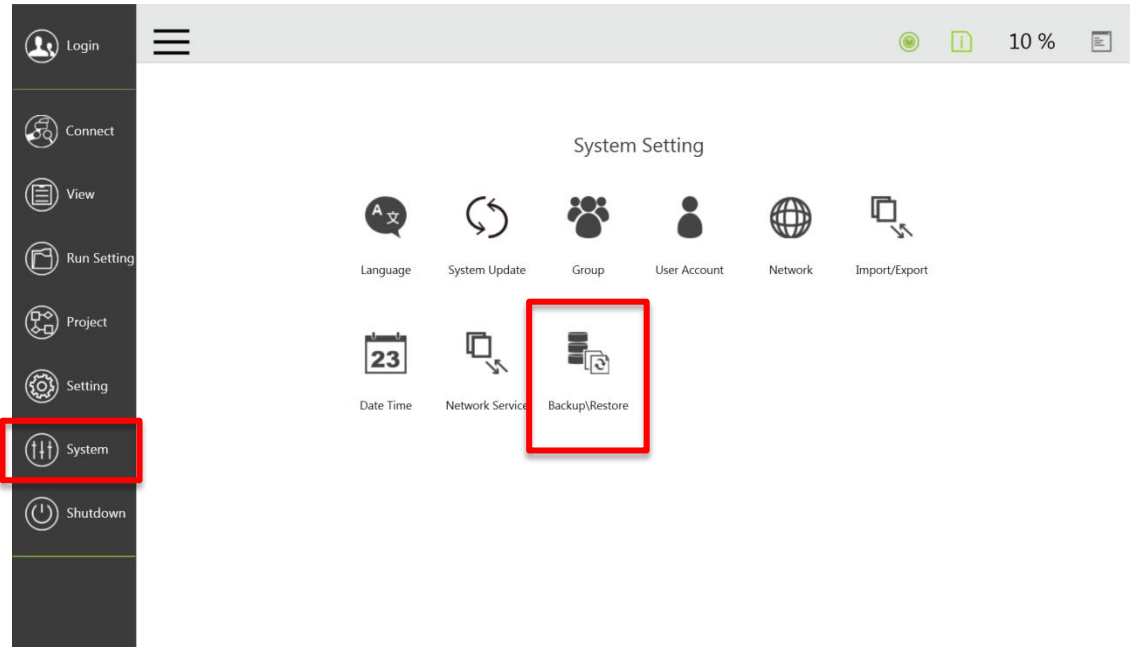
- Equipment

 - TM5 / TM12 /TM14

- Function operation

Function Operation—Backup(1/2)

1. Go to system → Backup\Restore



Function Operation—Backup(2/2)

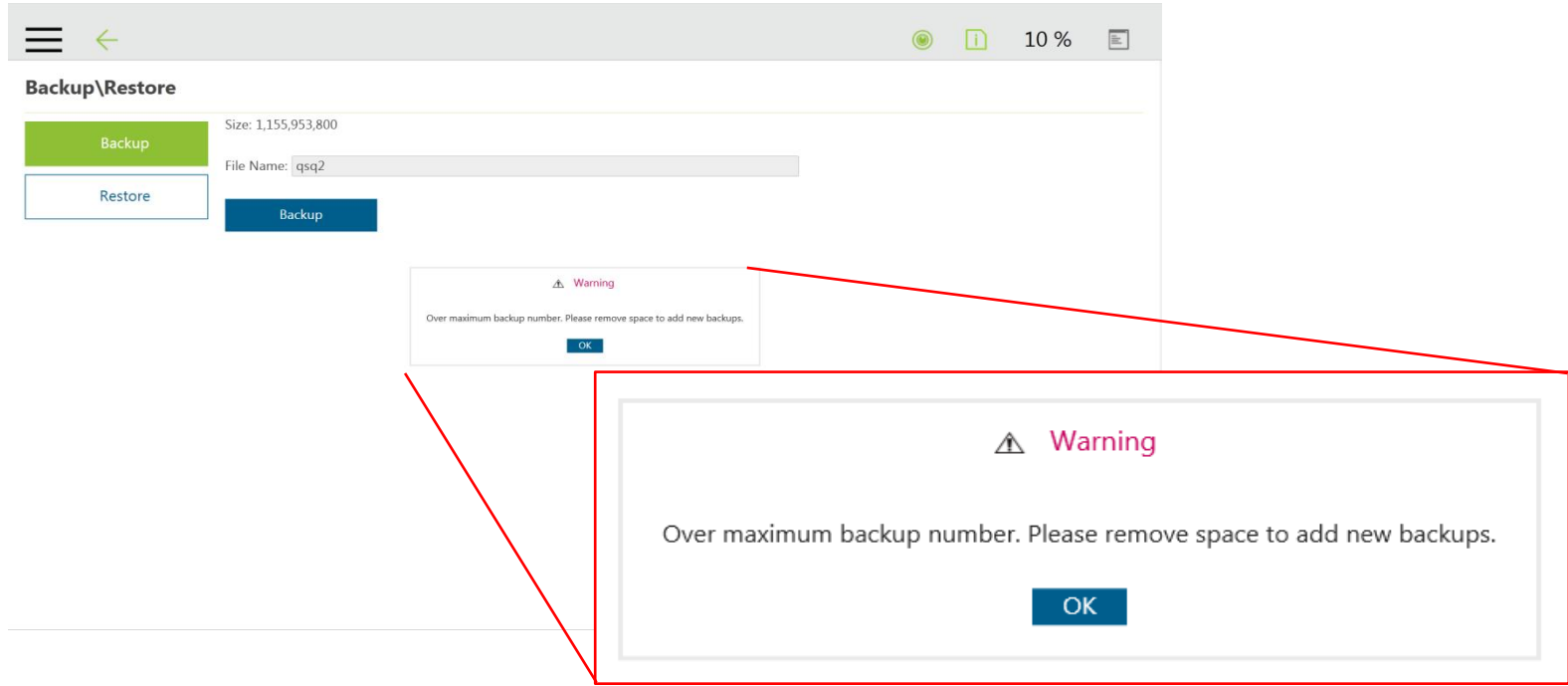
2. Select Backup → Enter the file name → Click Backup

The screenshot shows a mobile application interface for Backup/Restore. At the top, there is a navigation bar with a menu icon, a back arrow, and system icons for connectivity, information, and battery level (10%). Below the navigation bar, the title "Backup/Restore" is displayed. The main content area shows a file selection screen with a "Backup" button highlighted in green (labeled 1), a "Restore" button, and a "Backup" button (labeled 3). A file name input field (labeled 2) contains the text "1.68.2600". A red callout box points to the input field with the text "Enter the file name". Below the input field, a "Backup" button is visible. A red arrow points from the "Backup" button to a confirmation dialog box that says "Backup down" with an "OK" button. Below the dialog box, the text "Back up done" is displayed.

Waiting for establishing the backup file

Function Operation–Delete Backup file(1/3)

1. The maximum number of backup file is 3. Please remove the old file and add a new one.



Function Operation–Delete Backup file(2/3)

2. Click “Restore” → Select the backup file you prefer to delete → Click the red “x” box to delete it.

The screenshot displays a software interface for backup management. On the left, there are two buttons: "Backup" and "Restore". The "Restore" button is highlighted with a red box and labeled with a red "1.". The main area shows a table of backup files. The second row is highlighted in green and labeled with a red "2.". This row contains the file name "20180809-132837_1.68.2600" and a red "x" icon in a box. A confirmation dialog box is open, asking "Are you sure you want to delete this backup file?" with "Yes" and "No" buttons. A larger, zoomed-in version of this dialog is shown in the foreground, also with a red border.

Name	Size	Actions
20180809-114628_444	1.69.1800.2750	[x]
20180809-132837_1.68.2600	1.69.1800.750	[x]
20180809-133121_qsq	1.69.1800.2750	[x]

Total Size: 106,565,726,208
Usable Space: 68,251,840,512
 Restore Robot Firmware

Warning
Are you sure you want to delete this backup file?
Yes No

Warning
Are you sure you want to delete this backup file?
Yes No

Function Operation–Delete Backup file(3/3)

3. Click “Restore” → Select the backup file you prefer to delete → Click the red “x” box to delete it.

The screenshot shows a software interface for backup and restore operations. It features a top navigation bar with a menu icon, a back arrow, and system status icons (power, info, 10% battery). The main area is titled "Backup\Restore" and contains a table of backup files, a summary of storage space, and a list of restore options. Red boxes and numbers 1 through 4 highlight specific elements: 1. The "Restore" button in the left sidebar. 2. The table of backup files, which includes columns for Name, Date, and a delete icon (red 'x'). 3. The "Restore Robot Firmware" checkbox in the right sidebar. 4. The "Restore" button at the bottom right of the main area.

Name	Date	Action
20180809-114628_444	1.69.1800.2750	✘
20180809-132837_1.68.2600	1.69.1800.2750	✘

Total Size: 106,565,726,208
Usable Space: 69,429,121,024

Restore Robot Firmware

Function Operation–Restore(1/2)

1. Click “Restore” → Select the backup file you prefer to Restore → Select if you want to restore the robot firmware(if you want to downgrade or upgrade firmware, please check the checkbox). → Click Restore

The screenshot shows the 'Backup\Restore' interface. It features a top navigation bar with a menu icon, a back arrow, and system icons (power, home, 10% battery, and a document icon). Below the navigation bar, there are two buttons: 'Backup' and 'Restore'. A table lists backup files with columns for 'Name', 'Size', and 'Action'. To the right of the table, there are statistics for 'Total Size' and 'Usable Space', and a checkbox for 'Restore Robot Firmware'. At the bottom right, there is a 'Restore' button. Red boxes and numbers 1 through 4 highlight the 'Restore' button, the table, the 'Restore Robot Firmware' checkbox, and the bottom 'Restore' button respectively.

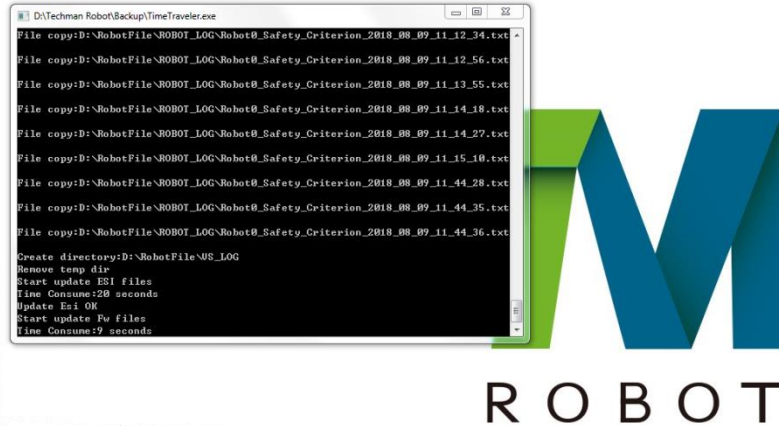
Name	Size	Action
20180809-114628 444	1.69.1800.2750	✖
20180809-132837 1.68.2600	1.69.1800.2750	✖

Total Size: 106,565,726,208
Usable Space:69,429,121,024

Restore Robot Firmware

Function Operation–Restore(2/2)

2. After clicking the “Restore” button, the HMI will be closed and the restore process will start to run. The system will be shut down after the restore process has finished.



```
D:\Techman Robot\Backup\TimeTraveler.exe
File copy:D:\RobotFile\ROBOT_LOG\Robot@_Safety_Criterion_2018_08_09_11_12_34.txt
File copy:D:\RobotFile\ROBOT_LOG\Robot@_Safety_Criterion_2018_08_09_11_12_56.txt
File copy:D:\RobotFile\ROBOT_LOG\Robot@_Safety_Criterion_2018_08_09_11_13_55.txt
File copy:D:\RobotFile\ROBOT_LOG\Robot@_Safety_Criterion_2018_08_09_11_14_18.txt
File copy:D:\RobotFile\ROBOT_LOG\Robot@_Safety_Criterion_2018_08_09_11_14_27.txt
File copy:D:\RobotFile\ROBOT_LOG\Robot@_Safety_Criterion_2018_08_09_11_15_10.txt
File copy:D:\RobotFile\ROBOT_LOG\Robot@_Safety_Criterion_2018_08_09_11_44_28.txt
File copy:D:\RobotFile\ROBOT_LOG\Robot@_Safety_Criterion_2018_08_09_11_44_35.txt
File copy:D:\RobotFile\ROBOT_LOG\Robot@_Safety_Criterion_2018_08_09_11_44_36.txt
Create directory:D:\RobotFile\MS_LOG
Remove temp dir
Start update ESI files
Time Consume:28 seconds
Update Esi OK
Start update Pv files
Time Consume:19 seconds
```



TECHMAN
ROBOT

THANK YOU