





TM Plug&Play Software Package Installation Guide

Original Instructions

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Revision History Table

Revision Code	Date	Revised Content
1.00	2018-09-03	Original release

1. TM Plug&Play

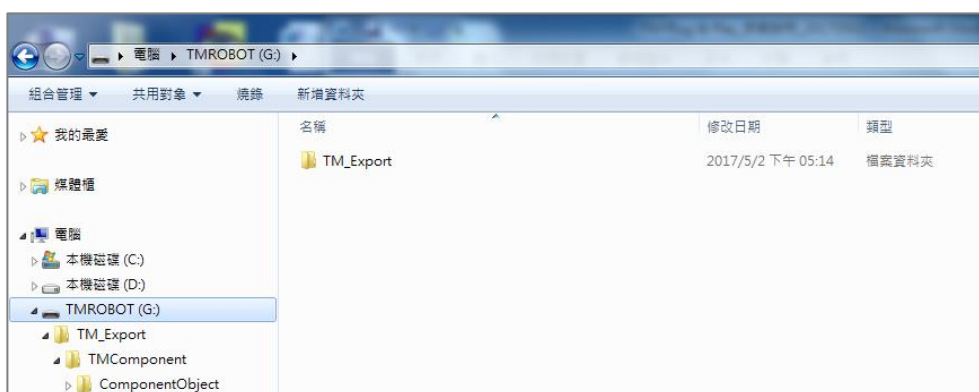
1.1 Overview

TM Plug & Play is an independent software package provided for the robot. For Plug&Play supported items, the user does not need to write additional programs, and does not need to read the manuals of both parties before integrating, only need to import the software package and can use in TMflow directly.

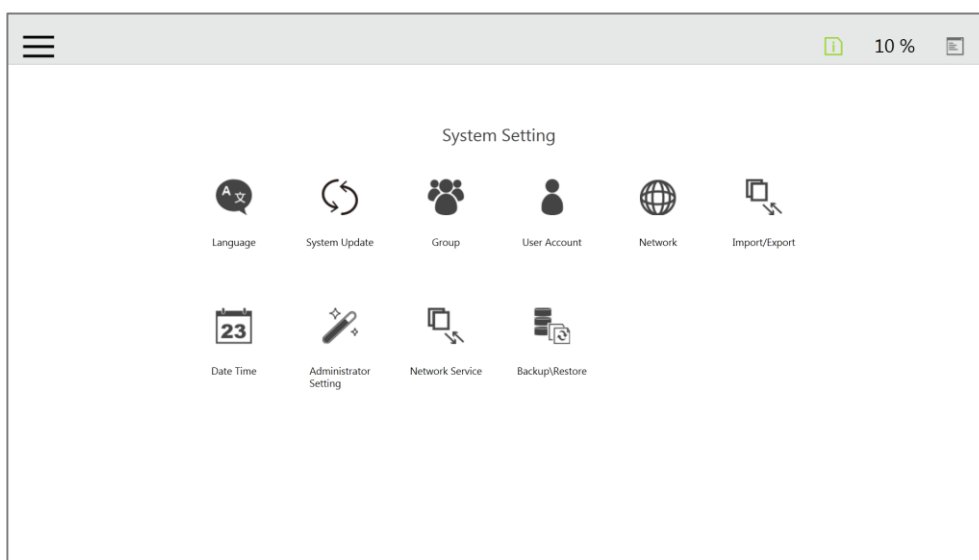
1.2 Start Up

The software package can be downloaded after login in the customer area.

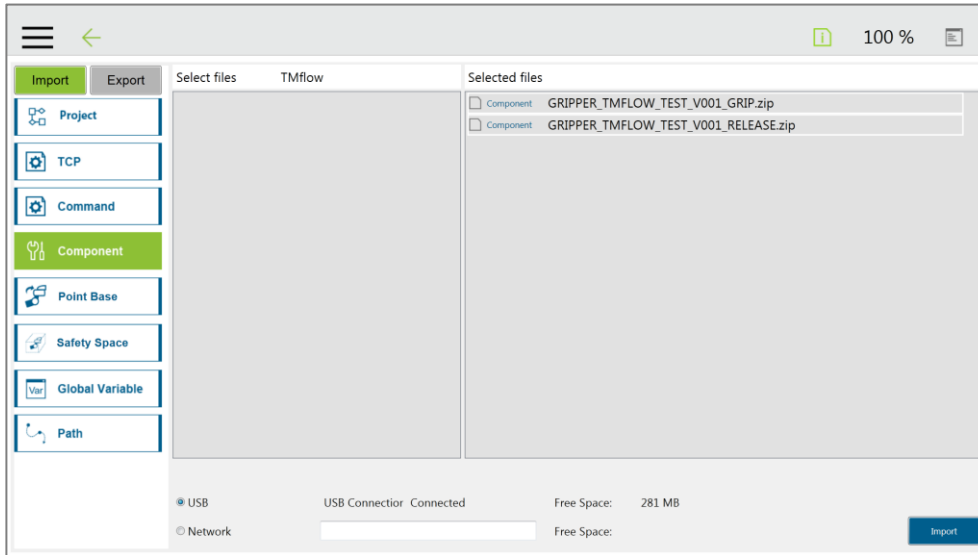
(<http://tm-robot.com/tw/login/>) After downloaded the software package, place the folder with filename of TM_Export in the root directory of the USB flash drive. The name of the USB flash drive must be TMROBOT. After inserted the USB into the robot's control box, the software package can be exported/imported into the robot on the robot system page.



TMROBOT Flash Drive Schematic Diagram

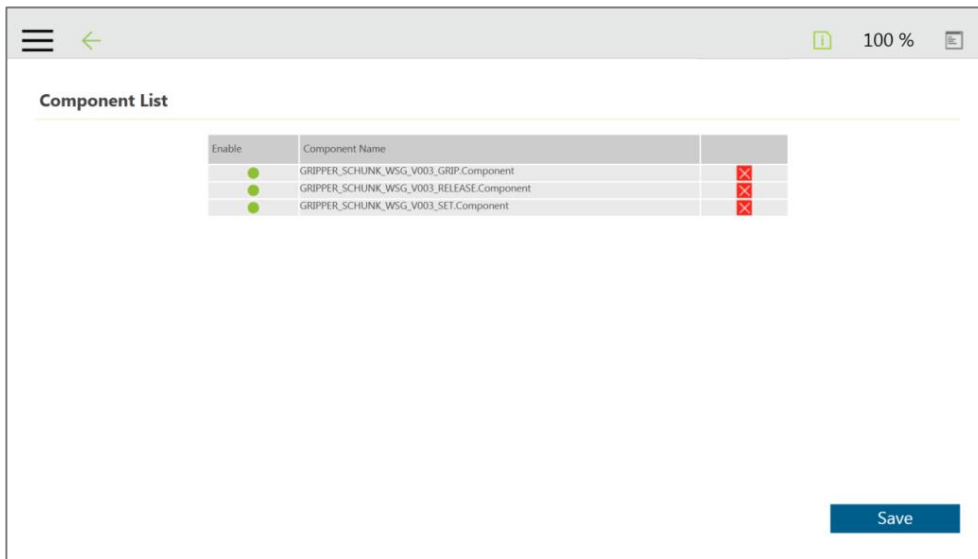


Import / Export Page Access Window



Import Component

After imported the software package, the imported software package needs to be enabled in the Robot Setting page. After enabled, the software package imported in each project will be added to the left side of TMflow. The user can use it directly after dragged from the left side.



Robot Setting Page Component

The setting parameters of each software package are not the same. The instructions in the upper right corner of the software package node can be clicked to view the parameters need to be set and the method of usage.

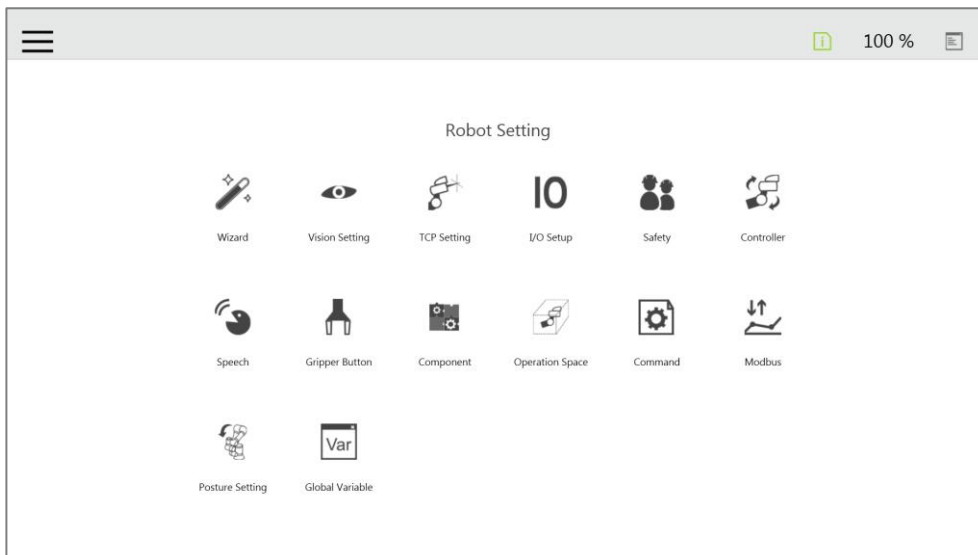


CAUTION:

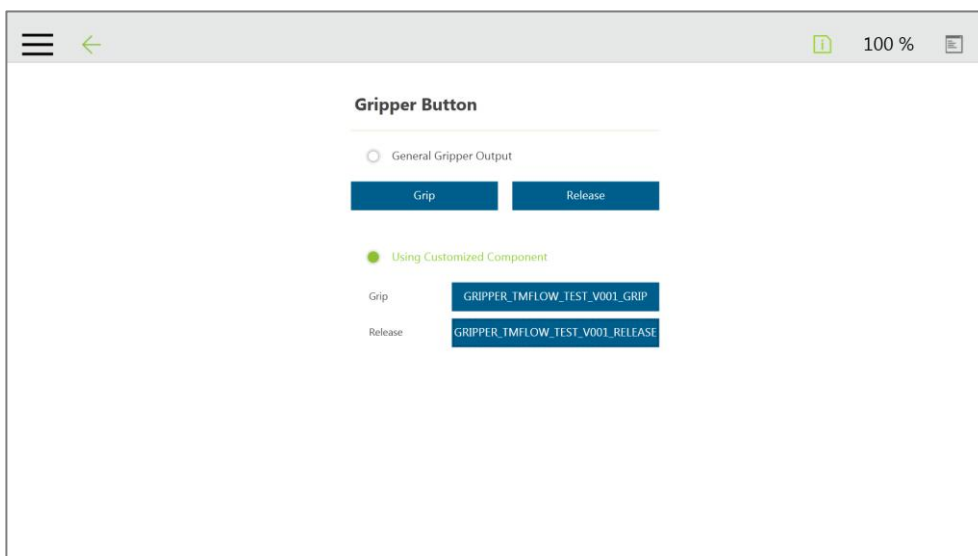
Some of the Components need to use the Command to communicate with the robot. When this type of Component is imported, the corresponding Command will be added in the Command list. Please confirm whether the corresponding instruction set is enabled.

1.3 Gripper Button

The robot provides a simpler process programming method for the gripper-type software package. On the robot setting page, click the Gripper button to set the job triggered by the Gripper button at the robot end. The concept is when clicking the Gripper button, a set of Component is added in the flow and execute once, and two Components are used in sequence (remember that some of the grippers need to be executed with SET Component before can be used). In practical applications, the robot uses the FreeBot button, working with the buttons of end record gripper and point, to complete flow programming without TMflow control.



Gripper Setting Page to enter the Window



Gripper Button Setting Page

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