

WEINTEK IIOT LTD.

Index Register

Demo Project

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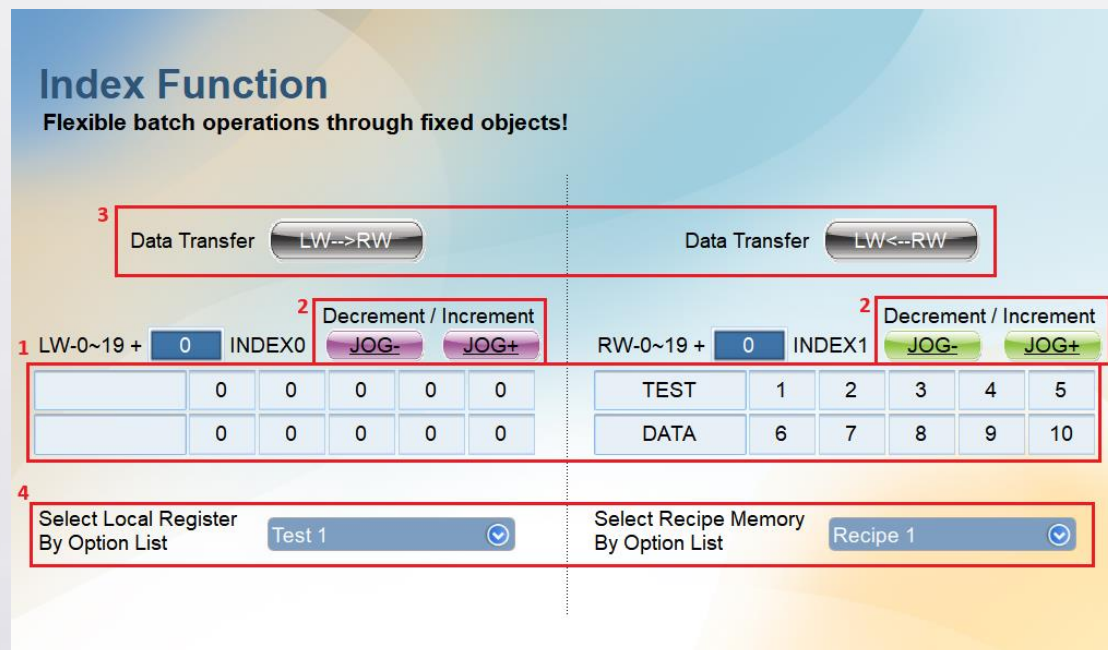
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1. Overview and Operation

Overview

This demo project demonstrates how to use index registers. When running on the HMI, the read/write addresses of objects can be updated through index registers without the need to repeatedly design many similar objects.

Operation



Index Function
Flexible batch operations through fixed objects!

3 Data Transfer **LW-->RW** Data Transfer **LW<--RW**

1 LW-0~19 + 0 INDEX0 2 Decrement / Increment **JOG-** **JOG+** RW-0~19 + 0 INDEX1 2 Decrement / Increment **JOG-** **JOG+**

	0	0	0	0	0	TEST	1	2	3	4	5
	0	0	0	0	0	DATA	6	7	8	9	10

4 Select Local Register By Option List **Test 1** Select Recipe Memory By Option List **Recipe 1**

Follow these steps:

1. Set the LW address (INDEX0) on the left and the RW address (INDEX1) on the right with initial data.
2. Use the JOG+/JOG- buttons to change the index register value, which will offset the displayed object data accordingly.
3. Use the Data Transfer buttons to exchange values between the LW and RW addresses.
4. Access the Option List to view different batches of data groups.

2. Object List

Key objects used in the project are listed below, please adjust as necessary.

Object	Description
Window 10	
Numeric	Used for setting data content.
ASCII	Used for setting data content.
Set Word	Increases or decreases the value of the index register.
Data Transfer	Enables the exchange of values between the LW and RW addresses.
Option List	Displays different batches of data groups.