MONITOUCH PLUS EXPRESS

IAI Corporation
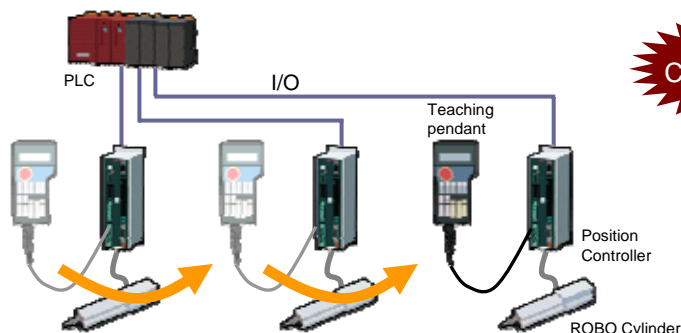
Introduction of ROBO Cylinder Connections

Merits of MONITOUCH connecting to ROBO Cylinder

- It is easy to manage JOG/inching operation that needs for teaching.
- It is easy to change the settings of multiple ROBO Cylinders by one MONITOUCH.
- It is easy to design screen programs of a ROBO Cylinder with few steps.

[Traditional way]   Operated the setting management of a ROBO Cylinder by using a teaching pendant

PLC

I/O

Teaching pendant

Position Controller

ROBO Cylinder

Complaint

- It was stressful to set multiple ROBO Cylinders.
- It was stressful to bring a teaching pendant to a factory.

TEACHING OPERATION BY MONITOUCH

Unnecessary

Pendant   PC

A double role!!

1) It is able to operate teaching of ROBO Cylinders.
2) It is possible to read/write the memories of PLC.
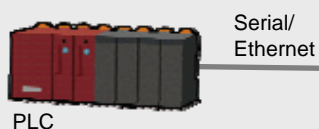
MANUAL OPERATION

MONITOUCH V8 Series

Serial/ Ethernet

PLC

Reduction of wiring steps

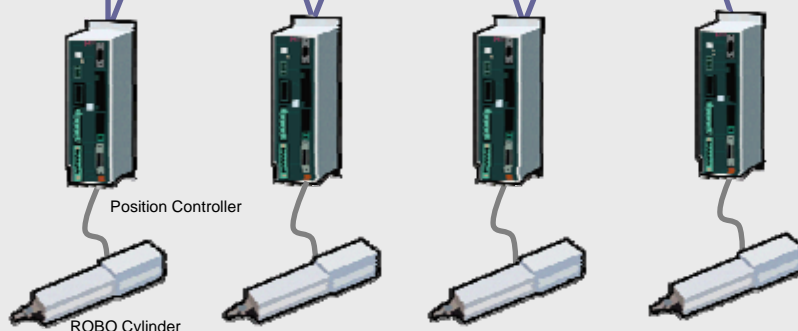### Multiple connection is possible!!

By connecting via RS-485, it is possible to connect one MONITOUCH to multiple ROBO Cylinders.

RS-485

Position Controller

ROBO Cylinder

[Supported models of controllers made by IAI]

The type of Models	PCON/ACON/SCON RCP2/ERC RCS/E-CON X-SEL PSEL/ASEL/SSEL

In addition, steps to create screens are reduced by using Component Parts.

Differences from Sample Screens!! Merits of Component Parts

This is not simple

By using Sample Screens

- It was necessary to copy each page one by one if the sample screens consisted of multiple pages.
- It was necessary to change the property of parts in a screen that jumped to a dedicated screen if the screen numbers in the sample program differed from the ones in your screen program that you are going to copy to.
- It was necessary to change memory addresses when the memory addresses used in the sample program and your program were overlapped.

Just place Component Parts when you use them

Good

- It is possible to use component parts wherever you place them.
- It is possible to place component parts in a screen without worries of organizing a screen design.
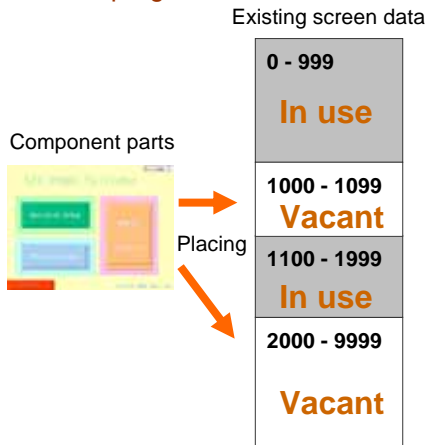

- Easy to setup the parts

Placing a component part by choosing it

It is possible to set up multiple screens as a component part already includes them.

- Possible to arrange existing screen programs.

Existing screen data

0 - 999
In use
1000 - 1099
Vacant
1100 - 1999
In use
2000 - 9999
Vacant

Component parts

Placing

It is able to place component parts in any screen without worries.

- Unnecessary to worry memory overlapping due to using dedicated memories.

Component parts with dedicated memory

$C:
4096 words

It is not to worry about memory overlapping with existing screen program as it uses dedicated memories.

Free version upgrade of the configuration software V-SFT-5

The configuration software (upgraded version) can be downloaded from the following website.
(Membership registration is required.)

Website:

http://www.hakko-elec.co.jp/en/download/09vsft5/index.php