

Tips on Macro Command – Part 1–

Why don't you add some macro commands and make your screen program more convenient? In this MONITOUCH + EXPRESS, we will introduce tips on macro commands to minimize/maximize the overlap.

Let's use the macro commands more efficiently!!

How to minimize/maximize an overlap

Do you have a screen program which displays an overlap when alarms are occurred?

Overlap is a very useful function, but when it is displayed on the screen, it is not possible to operate the items which are displayed behind it.

Don't you think that it will be more convenient if you can minimize/maximize the overlaps used for displaying the alarm messages during any errors are occurring?



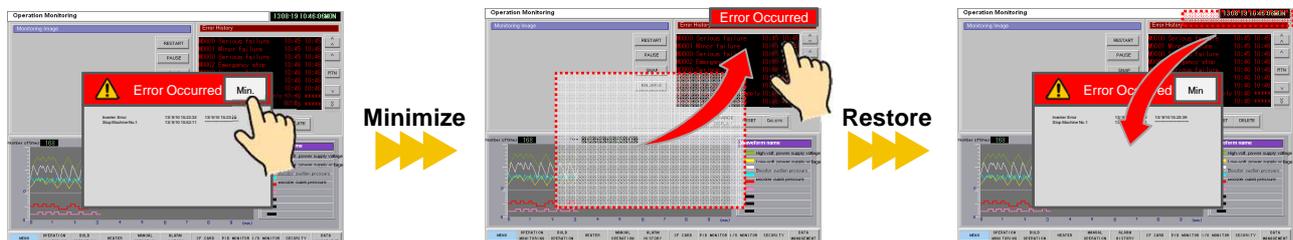
Isn't it possible to minimize & restore the OVL P when it is necessary...??

Every time when alarm occurs, we cannot control the operational screen...

Useful Tips!!

Operation Process

The overlap (Alarm display) is minimized by adding some macro commands. It is restored to the original size just by touching the minimized alarm.



This is the very effective tip that we can control the overlap when it is necessary.

Variety of arrangements can be done by the macro commands.

NEXT

If you get a little creative with macro commands, you can create your own screen program!!

Screen Structure

Macro Setting

1. Macro Block (Registration Item => Macro Block)

```

IFZ($u00150-00) (B)
IF($u00100 != 0) (W)
  $u00200 = 0 (W)
  $u00201 = 0 (W)
  $u00202 = 150 (W)
  $u00203 = 100 (W)
  SYS (SET_MOVLP) $u00200
ELSE
  $u00200 = 0 (W)
  $u00201 = 0 (W)
  SYS (OVLP_SHOW) $u00200
ENDIF
ELSE
IF($u00100 != 0) (W)
  $u00200 = 0 (W)
  $u00201 = 1 (W)
  $u00202 = 640 (W)
  $u00203 = 0 (W)
  SYS (SET_MOVLP) $u00200
ELSE
  $u00200 = 0 (W)
  $u00201 = 0 (W)
  SYS (OVLP_SHOW) $u00200
  $u00150-00 (OFF)
ENDIF
ENDIF
  
```

Check the status of the bit memory address.(\$u150-00)
 When it is OFF, process (1). When it is ON, process (2).

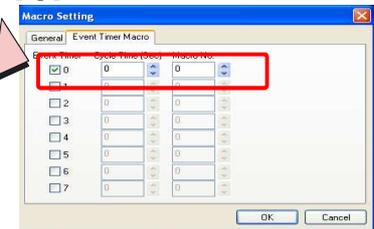
(1) Check the status of the memory address which is set for alarm function.
 Eg:(\$u100)
 =>When any bit memory addresses of \$u100 is:
 ON = Display the overlap ID 0.
 OFF= Hide the overlap ID 0.

(2) Check the status of the memory address which is set for alarm function.
 Eg: (\$u100)
 =>When any bit memory addresses of \$u100 is:
 ON = Display the overlap ID 1.
 OFF= Hide overlap ID1 and set \$u150-00 to off.

[eg.] Macro Block No.0

2.Event Timer Macro (System Setting => Macro Setting => Event Timer Macro)

Check the number of Event Timer Macro, and register the above macro block number, then set the cycle time to 0 sec.



***Download the sample screen program from here >>**

[http://www.hakko-elec.co.jp/mainte/data/en/download/E_Download/EXPRESS_\(E\).zip](http://www.hakko-elec.co.jp/mainte/data/en/download/E_Download/EXPRESS_(E).zip)

Please refer to the “Macro Reference” for more detail regarding Macro Command.

*It is possible to refer the manual from help menu on V-SFT-5.

Next MONITOUCH + EXPRESS topic

Auto deletion of the overlap is going to be introduced in the next MONITOUCH + EXPRESS, “Tips of Macro Command -Part2-”.

Do not miss it!

