

## << VCC-8000 supported Z text commands >>

### **ZA = window auto Arrangement**

Format: ZA GGMMPP [NByN(2,3,.....)] [Nth(1,2,.....)]

Example:

ZA 010900 2 1 → Set Group 1, Module 9, to 2x2 map position 1,2,3,4(quad).

ZA 010000 2 1 → Set Group 1, All modules to quad.

ZA 010202 3 2 → Place window 010202 to 3x3 map position 2.

ZA 010200 6 13 → Place group 1 module 2 to 6x6 map position 13,14,15,16.

ZA 000000 → Auto arrange all Groups' all windows to proper size and position.

### **ZC = set border/label background Color**

Format: ZC GGMMPP B[order]/L[abel] RRRGGGBBB [NoDimColor]

Example:

ZC GGMMPP border 000255000 → Set GGMMPP border dim GREEN

ZC GGMMPP border 000255000 ndc → Set GGMMPP border pure GREEN

ZC GGMMPP label 255000000 → Set GGMMPP label background RED

### **ZE = set Echo**

Format: ZE GGMM ON/OFF

Description: Command respond would be much faster when echo turned off.

Example:

ZE GGMM 0 → Set module GGMM RS232 echo off

### **ZF = set window Full screen**

Format: ZF GGMMPP ON/OFF

Example:

ZF GGMMPP 1 → Set GGMMPP full screen

ZF 020000 0 → Set group 2 to not full screen status

### **ZL = set Label transparency, text color and text**

Format: ZL GGMMPP transparency TextRRRGGGBBB LabelRRRGGGBBB ["TEXT"]  
transparency "00" .... "255" : **VCC-8000 unsupported transparency , but we still need this parameter for compatible MCC-8000.**

"TEXT" = label text string, **always center justification** , 32 ASCII characters maximum but depend on font size. For example, if keyin label text is "0123456789" at font size 3, VCC-8000 just only show "012345678".

Example:

ZL GGMMPP 0 255000000 000000255 "CNN News Station"  
→ Set GGMMPP Text color red, Label color blue, with text "CNN News Station"

### **ZM = set display resolution Mode**

Format: ZM GGMMPP mode [NoAutoArrangement]

Mode ID list :

1 : 800x600/60Hz

2 : 1024x768/60Hz

15 : 1280x720/60Hz

22 : 1280x768/60Hz

9 : 1280x1024/60Hz

20 : 1360x768/60Hz  
35 : 1400x1050/60Hz  
10 : 1600x1200/60Hz  
26 : 1920x1080/60Hz  
36 : 1920x1200/60Hz  
42 : 800x600/50Hz  
31 : 1024x768/50Hz  
30 : 1280x720/50Hz  
32 : 1280x768/50Hz  
29 : 1280x1024/50Hz  
38 : 1360x768/50Hz  
34 : 1400x1050/50Hz  
39 : 1600x1200/50Hz  
28 : 1920x1080/50Hz  
37 : 1920x1200/50Hz

Example:

ZM 010000 10 → Set Group 1 to 1600x1200/60Hz and auto arrange all windows to proper size and position.

ZM 000000 9 NA → Set All Groups to 1280x1024/60Hz, no auto arrangement.

#### **ZP = Preset load/save to RAM file. save to flash**

Format for load : ZP GGMMPP L[oad] filename

Format for save : ZP GGMMPP S[ave] [filename]

Example:

ZP 000000 load file1 → All modules load file file1

ZP 020000 s file2.GP2 → Group 2 save current status as RAM file file2.GP2

ZP 000000 save → All modules save all configurations to flash.

#### **ZW = set top Window position, size of a module**

Format: ZW GGMMPP [X Y width height]

Example:

ZW GGMM01 → Set processor 1 as top window of GGMM.

ZW GGMMPP 100 200 300 400 → Set GGMMPP at (100,200)-(400,600)

ZW GGMMPP X Y 0 0 → Turn GGMMPP off by width or height=0

#### **ZX = set label teXt and font size**

Format: ZX GGMMPP ["TEXT"] [FontSize]

FontSize = 1~4, Label inside video

Example:

ZX 000000 " L A B E L " → Set all windows' label as " L A B E L " .

ZX 000000 3 → Set all window's label font size 3.