

Topic:
Matrox Board, Live Display

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Solution Report

Symptoms/Condition:

Need a "live" camera display for diagnostics.

Solution:

Procedure for live Matrox display:

NOTE: If you need to reposition any of the axes or turn on/off the reseau or backlight use *vxdiag* (See *Solution Report - Topic: vxdiag*).

```
$ cd /usr/im_series/inter
$ ls grabber.mac
grabber.mac
```

If the file is NOT found, create it using the text shown below (**vi grabber.mac**):

```
$ more grabber.mac
utlmgnlut 0 $I_LUT_OUTL_MONO 256 $I_PHYRAMP
lsdcstdmode $I_FB2_1K_1K_8
pcsllogcam $I_RS170_HI
pcstroisiz 512 480
pcstroipos $I_ROI0 0 0
pcslsync $I_PROC_CAMERA
pcstcond 0 $I_FOREVER 0
pcslsync $I_PROC_CAMERA
didograb ` $I_DIG_8 | $I_ROI0 ` ` $I_FB2 | $I_ROI0 `
pause
pchlprocess
$
```

Then execute the following commands:

```
$ inter (for the pizza box type controller)
```

or:

```
$ inter -a (for the "vxb" series type controller, big box)
```

When you receive the ">" prompt type the following commands to get a "live" display:

```
> loadmac grab grabber.mac <return>  
> exec grab <return>
```

The display is now "live" and the following string is displayed:

```
"Strike any key to continue..."
```

To exit, hit any key and then type "quit":

```
> quit  
$
```