

1 Operate the VME crate

1.1 Through telnet

To connect to the VME crate, open a terminal on a MICE net computer and execute the following `telnet` commands:

```
$ telnet 172.16.246.212 8100

Trying 172.16.246.212...
Connected to 172.16.246.212.
Escape character is '^]'.

$ caen
```

This will open the following control page:

```
#####      #####      ##      #####      #####
##  ##  ##  ##  #####  ##      ##  ##
#####      #####      ##  #####      ##  ##
##  ##  ##  ##  ##  ##  ##  ##  ##
##  ##  #####  #####  #####  #####

C.A.E.N.  A8160 VME8100 Crate Controller  V1.01

B O A R D  M E N U

Crate          PS & Fan Status
General        General Status
Update         Firmware Update

Quit           Abandon program

Select Item
```

Press `C` and hit the `<CR>`, this prompts:

```

C.A.E.N.  A8160 VME8100 Crate Controller  V1.01

PS AC Status      OK      PS Temperature    30 Deg
PS VCC Status     OK

Fan1  2850 Rpm    OK      FU Temperature    25 Deg
Fan2  2850 Rpm    OK
Fan3  2940 Rpm    OK

      VSet      ISet      OvP      UvP      VMon
IMon  Status

+5V   05.00 V    110.00 A    05 %    05 %    05.02 V
040.00 A  Ok
+12V  12.00 V    023.00 A    05 %    05 %    12.00 V
001.25 A  Ok
-12V  12.00 V    023.00 A    05 %    05 %    12.00 V
002.05 A  Ok

On/Off Crate [ON] Reset Alarm + Fan Speed
- Fan Speed  Quit

```

You can now press 0 and hit <CR> to turn off the VME crate and repeat the operation to turn it back on. Press Q and <CR> to exit the page and repeat to exit the main menu.

To leave telnet, follow this procedure:

```

1. Press <Ctrl> + ]
2. Type quit and hit <CR>

```

2 Operate the Low Voltage PSU

To connect to one of the LVPSU crates, open a terminal on a MICE net computer and execute the following telnet commands:

2.1 Through telnet

```
$ telnet 172.16.246.213 8100          (for LVPSU 1)
$ telnet 172.16.246.214 8100          (for LVPSU 2)

Trying 172.16.246.213...
Connected to 172.16.246.213.
Escape character is '^]'.

$ caen
```

This will open the following control page:

```
#####  ##  ##  #####  #####  #####  #####
##      ##  ##  ##  ##  ##  ##  ##  ##  ##  ##
#####  ##  #####  #####  ##  ##  ##  ##
      ##  ##  ##  ##  ##  ##  ##  ##  ##  ##
#####  #####  #####  #####  #####  #####

C.A.E.N. SY8800 Universal Multichannel Low Voltage
PS V1.01

B O A R D   M E N U

Crate          Crate Status
General        General Status
Map            Channels Map
I/O            External I/O Signals
Update         Firmware Update

Quit           Abandon program

Select Item
```

Press C and hit the <CR>, this prompts:

C.A.E.N. SY8800 Universal Multichannel Low Voltage
PS V1.01

PS AC Status OK PS Temperature 43 Deg
PS VCC Status OK CTR Temperature 34 Deg

Pw	VSet Status	ISet	VMon	IMon
CH0 On	05.00 V Ok	002.00 A	04.97 V	000.10 A
CH1 On	-07.00 V Ok	004.20 A	07.01 V	000.08 A
CH2 On	-20.00 V Ok	001.00 A	20.00 V	000.28 A
CH5 On	+12.00 V Ok	004.00 A	12.01 V	003.12 A
CH6 Off	+20.00 V Ok	001.40 A	00.00 V	000.00 A

qAll Ch ON All Ch OFF More
Reset Alarm Quit

You can now press F and hit <CR> to turn off the power supply to all channels and press 0 and hit <CR> to turn it back on. Press Q and <CR> to exit the page and repeat to exit the main menu.

To leave **telnet**, follow this procedure:

1. Press <Ctrl> +]
2. Type **quit** and hit <CR>