

To log in the network management system via command:

- 1, Open Windows system command dialog box,
- 2, Type in "telnet 192.168.1.200" (This is our default IP address. If you've already changed it, please use your new IP.)
- 3, Type in username: root
- 4, Type in password: fs19681086

Then you will get into the network management system, follow the instruction to query or control the board via commands.

***** (1)Query board information command*****

Input command: CARD -c 16 B_?

Command description:

16 is the slot number, range is from 2 to 16.

Return to print the board information, this operation is the same as WEB interface.

For example,

```
[FAST@\h \W]# CARD -c 16 B_?
```

Show Card Info:

===== CARD Monitor Info =====

Channel	WorkMode	WaveLen(nm)	CurrPower(dBm)	ConfigPower(dBm)	CurrAtten(dB)	ConfigAtten(dB)	OutputThr(dBm)	OutputState
1	auto	1310	-50.00	-11.11	0.00	0.00	-10.11	alarm
2	auto	1310	-50.00	-11.11	0.00	0.00	-10.11	alarm
3	auto	1310	-50.00	-11.11	0.00	0.00	-10.11	alarm

4	auto	1310	-50.00	-11.11	0.00	0.00	-10.11	alarm
5	auto	1310	-50.00	-11.11	0.00	0.00	-10.11	alarm
6	auto	1310	-50.00	-11.11	0.00	0.00	-10.11	alarm
7	auto	1310	-50.00	-11.11	0.00	0.00	-10.11	alarm
8	auto	1310	-50.00	-11.11	0.00	0.00	-10.11	alarm

===== CARD Basic Info =====

Type	Slot	SoftVer	HardVer	MadeDate	DevType	SeqNum
VOA8	16	1.04.01	1.01.02	2021-03-16	VOA8-2table	123456789012

[FAST@\h \W]#

[FAST@\h \W]#

***** (2)Set board information command *****

** (1) Set work mode

Input command: CARD -c 16 M1_1

Command description:

16 is the slot number, range is from 2 to16.

M1 is channel 1, range is from 1 to 8.

1 is auto mode (0 is manual mode).

Return to print information: Success or Fail.

For example,

```
[FAST@\h \W]# CARD -c 16 M1_1
```

Send: M1_1

Return: Operation Success

```
[FAST@\h \W]#
```

```
[FAST@\h \W]# CARD -c 16 M1_0
```

Send: M1_0

Return: Operation Success

```
[FAST@\h \W]#
```

** (2) Set work wavelength

Input command: CARD -c 16 W1_1

Command description:

16 means board slot, range is from 2 to 16.

W1 means channel 1, range is from 1 to 8.

1 means 1550nm wavelength, range is from 0 to 1(0 means 1310nm wavelength).

For example

```
[FAST@\h \W]# CARD -c 16 W1_1
```

```
Send: W1_1
```

```
Return: Operation Success
```

```
[FAST@\h \W]#
```

```
[FAST@\h \W]# CARD -c 16 W1_0
```

```
Send: W1_0
```

```
Return: Operation Success
```

```
[FAST@\h \W]#
```

** (3) Set output value

Input command: CARD -c 16 P1_1

Command description:

16 means board slot, range is from 2 to 16.

P1 means channel 1, range is from 1 to 8.

1 means output value is 1dBm.

For example

```
[FAST@\h \W]# CARD -c 16 P1_1
```

```
Send: P1_1
```

```
Return: Operation Success
```

```
[FAST@\h \W]#
```

```
[FAST@\h \W]# CARD -c 16 P1_-1
```

```
Send: P1_-1
```

```
Return: Operation Success
```

```
[FAST@\h \W]#
```

** (4) Set channel attenuation value

Input command: CARD -c 16 A1_10

Command description:

16 means board slot, range is from 2 to 16.

A1 means channel 1, range is from 1 to 8.

10 means channel attenuate 10dB.

For example

[FAST@\h \W]# CARD -c 16 A1_10

Send: A1_10

Return: Operation Success

[FAST@\h \W]#

[FAST@\h \W]# CARD -c 16 A1_20

Send: A1_20

Return: Operation Success

[FAST@\h \W]#

** (5) Set alarm threshold

Input command: CARD -c 16 RX1_-20

Command description:

16 means board slot, range is from 2 to16.

RX1 means channel 1, range is from 1 to 8.

-20 means alarm threshold is -20dBm.

For example

[FAST@\h \W]# CARD -c 16 RX1_-20

Send: RX1_-20

Return: Operation Success

[FAST@\h \W]#

[FAST@\h \W]# CARD -c 16 RX1_-21

Send: RX1_-21

Return: Operation Success

[FAST@\h \W]#