

YKUR Host Control Software - ykurcmd

User Manual

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1. Overview

The ykurcmd software is a command line application to control YKUR board.

2. Relay and port switching commands

2.1. Switch On/Off

```
ykurcmd [-s <serial_number>] -<action> <port>
```

Where:

`serial_number` - Serial number of the target YKUR board. This parameter is only required if more than one YKUR board is attach to the same host.

`action` - Action to be executed.

u - Turn the port **Up/On**

d - Turn the port **Down/Off**

`port` - Port to be switched.

r - On-board Relay

1 - Port 1

2 - Port 2

3 - Port 3

4 - Port 4

Usage Examples

Switch **On** the on-board relay with the following command.

Linux:

```
ykurcmd -u r
```

Windows:

```
ykurcmd.exe -u r
```

Switch **Off** the on-board relay with the following command.

Linux:

```
ykurcmd -d r
```

Windows:

```
ykurcmd.exe -d r
```

Switch **On** the port 1 of the YKUR with serial number YK00001 with the following command.

Linux:

```
ykurcmd -s YK00001 -u 1
```

Windows:

```
ykurcmd.exe -s YK00001 -u 1
```

2.2. Get port switching state

Get and display the port switching state (On/Off).

```
ykurcmd [-s <serial_number>] -g <port>
```

Where:

`serial_number` - Serial number of the target YKUR board. This parameter is only required if more than one YKUR board is attach to the same host.

`port` - Port to get the switching state.

r - On-board Relay

1 - Port 1

2 - Port 2

3 - Port 3

4 - Port 4

3. Information commands

3.1. Print software version

Show version of ykurcmd software.

```
ykurcmd --version
```

3.2. Get board firmware version

Get YKUR firmware version.

```
ykurcmd [-s <serial_number>] -v
```

Where:

`serial_number` - Serial number of the target YKUR board. This parameter is only required if more than one YKUR board is attach to the same host.

Usage Examples

Get the firmware version of the YKUR board attached with the following command.

Linux:

```
ykurcmd -v
```

Windows:

```
ykurcmd.exe -v
```

If multiple YKUR boards are connected to the Host, get the firmware version of the board with serial number YK00001 with the following command.

Linux:

```
ykurcmd -s YK00001 -v
```

Windows:

```
ykurcmd.exe -s YK00001 -v
```

A. Revision history

Rev.1.2.0 Get port switching state.

Rev.1.1.1 Eliminate unimplemented commands.

Rev.1.1.0 Status and information commands.

Rev.1.0.0 Initial release.