**GasSenserOS RMSHE >> CMDControlPanel help**

**pwd : Print work directory.**

**ls : List work directory files.**

**cd [dirName] : Change work directory.**

**cat [fileName] : Open the file in the work directory.**

**touch [fileName] : Create an empty file in the work directory.**

**mkdir [dirName] : Create a directory under the work directory.**

**echo [string] : Printed to the CMD.**

**echo [string] > [fileName] : Overwrite the file in the work directory.**

**echo [string] >> [fileName] : Append to the file in the work directory.**

**rm [fileName] : Remove files in the work directory.**

**rm -r [dirName] : Remove the directory under the work directory.**

**cp [sourceFilePath] [targetFilePath] : Copy file.**

**cp -r [sourceDirPath] [targetDirPath] : Copy directory.**

**mv [sourceFilePath] [targetFilePath] : Move file.**

**mv -r [sourceDirPath] [targetDirPath] : Move directory.**

**find [dirPath] [fileName] : Find files in the directory, fileName example = (\*.\*/\*.txt/a.txt).**

**osinfo : Display operating system version information.**

**reboot : MCU reset.**

**pios : Print GPIO status.**

**pss : Print System status.**

**led [color] [state] : Turn on RGB LED, color = (r/g/b), state = ((1/true/enable), (0/false/disable)).**

**buzz [state] : Turn on BUZZER, state = ((1/true/enable), (0/false/disable)).**

**alertdis : Alert disable.**

**freeze [enable] : Light sleep, enable = ((1/true/enable), (0/false/disable)).**

**disk [time\_us] : Deep sleep, time\_us = (1 to 4294967295 Microsecond).**

**history : Show command history.**

**history -s : Display commands executed before deep sleep.**

**history -c : Remove command history.**

**who : View the IP address of the user terminal logged into the current host.**

**last : View system login logs.**

**last -c : Remove system login logs.**

**date : Display system time.**

**date -n : Synchronize network time.**

**date -s [timeStr] : Set system time, timeStr = 20230203121601 (Year Month Day Hour Minute Second).**

**clear : Clear console and free memory.**

**df : Display Flash information.**

**free : Display remaining RAM.**

**wifi [SSID] [PASSWORD] : Configure WIFI connection, set WIFI SSID and PASSWORD.**

**poweroff : Indefinite deep sleep.**

**logout : Log out and lock CMDCP.**

**logout -k [clientIP] : Logout of the terminals with the specified IP address.**

**logout -k other : Logout of other terminals except yourself.**

**logout -k all : logout of all terminals.**