YDLIDAR SDK PACKAGE V1.0.0

Visit EAI Website for more details about YDLIDAR .

How to build YDLIDAR SDK samples

```
$ mkdir build

$ cd build

$ cmake ../sdk

$ make                        ###linux

$ vs open Project.sln         ###windows

```
```

How to run YDLIDAR SDK samples

```
$ cd samples
```

linux:

```
$ ./ydlidar_test
$Please enter the lidar serial port :/dev/ttyUSB0
```

windows:

```
$ ydlidar_test.exe
$Please enter the lidar serial port:COM3
```

You should see YDLIDAR's scan result in the console:

S2-Pro:

```
[YDLIDAR INFO] Now YDLIDAR SDK VERSION: 1.0.0
[YDLIDAR INFO] Connection established in /dev/ttyUSB0[256000]:
[YDLIDAR]:SDK Version: 1.0.0
[YDLIDAR][0.001000s]:Lidar running correctly ! The health status: good
[YDLIDAR][0.003000s] Device Info:
Firmware version: 2.3
Hardware version: 3
Model: TSA[130]
Serial: 2020080400011111
[YDLIDAR INFO][0.003000s] Current Scan Frequency: 6.000000Hz
[YDLIDAR INFO] Current Sampling Rate : 3K
[YDLIDAR INFO][0.010000s] single channel:  0
LiDAR init success!
[YDLIDAR INFO][1.043000s] Now YDLIDAR is scanning ......
Scan received: 377 ranges in 7.978732 HZ
```

S2: