

## APPC-10SLB & APPC-10XPL

### LED Control

#### Content

LED Control .....	1
SDK.....	1
THE LED DEMO .....	2
Demo for Linux .....	2
Diagram APPC-10SLB .....	3
Change log .....	4

For controlling the LED of our APPC-10SLB and -10XPL within your application, we have created a software developer kit including sample code, a demo apk and its full source code. With this information, a software engineer should be able to implement the LED control within his application.

With the APPC-10SLB all 52 led lamps can be controlled individually. With the APPC-10XPL the control is limited; the two led strips can be controlled as one and not separately.

#### SDK

Download sample code: <https://drive.google.com/open?id=1SUOqs1vl0k6FOG5rOkuLxdutAuUJz7Dc>

Password: prodvx

The package contains the following files:

- activity\_main.xml
- LampsUtil.java
- LedActivity.java
- Readme.docx
- SerialPort.java
- UartSend.java

Libraries used by this functionality are provided in a separate download file:

<https://drive.google.com/open?id=1cVM09FtLRsXqfNFgsFhginsyauZtnVSK>

Password: prodvx

The APPC-10XPL supports the following functions:

- AllOffLamps
- AllOnLamps
- AllRLamps
- AllBLamps
- AllGLamps

## THE LED DEMO

This is an easy-to-setup demo-environment to show what the LEDs can do. The accompanied source code is a complete Android project which can be loaded in your Android development environment.

To run the demo download and unpack the zip-file, install the demo-apk, LedDemo.apk, with Apkinstaller and start the application.

LedDemo download:

<https://drive.google.com/open?id=1yvIRUobHspn3O78WWEQWjudSP8pVQaB2>

Full source code:

<https://drive.google.com/open?id=1vzoEgSGzh9BFNb0Vq4M9YHd8SHdY96sw>

Password: prodvx

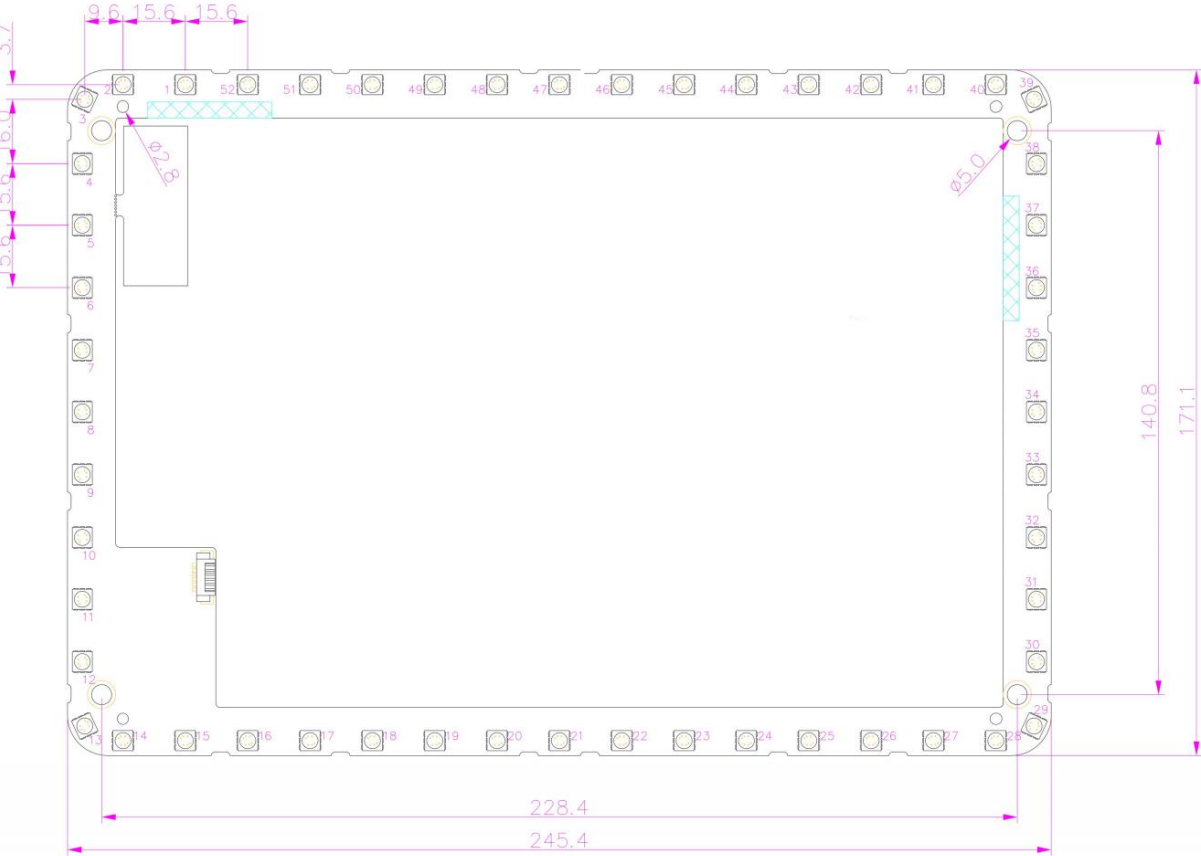
## Demo for Linux

Linux demo download:

[https://drive.google.com/open?id=1BZu8s9GY0S7f6ZTYXVLfFHylTKPX\\_WUM](https://drive.google.com/open?id=1BZu8s9GY0S7f6ZTYXVLfFHylTKPX_WUM)

Password: prodvx

**Diagram APPC-10SLB**



## Change log

03-12-2018	Added dl-link libraries
10-01-2019	Added LedDemo source code dl-link
25-01-2019	Changed LedDemo dl-links; v2.9 & pw protected
17-06-2019	Updated sample code
26-06-2019	Update serial port lib & pw protected
31-01-2020	Added 10XPL. Added 10SLB diagram. Added Linux demo.