

### A. Introduction



IAdea WBP-130 is an E-Paper Panel with a 3-inch display for desk booking. The WBP-130 is wirelessly connected with its gateway **IAdea WBP Gateway** to display booking Information. Users can press the physical buttons to change the status of their bookings.

This guide aims to assist users to understand:

- How to setup the demo kit
- The demo scenario.
- How to connect the WBP-130 to your own reservation system.

The reader is assumed to be IT administrator who is familiar with network configuration or application development who is familiar with network services.

### B. Demo Kit Contents

- The demo kit includes following items
  - WBP Gateway x 1



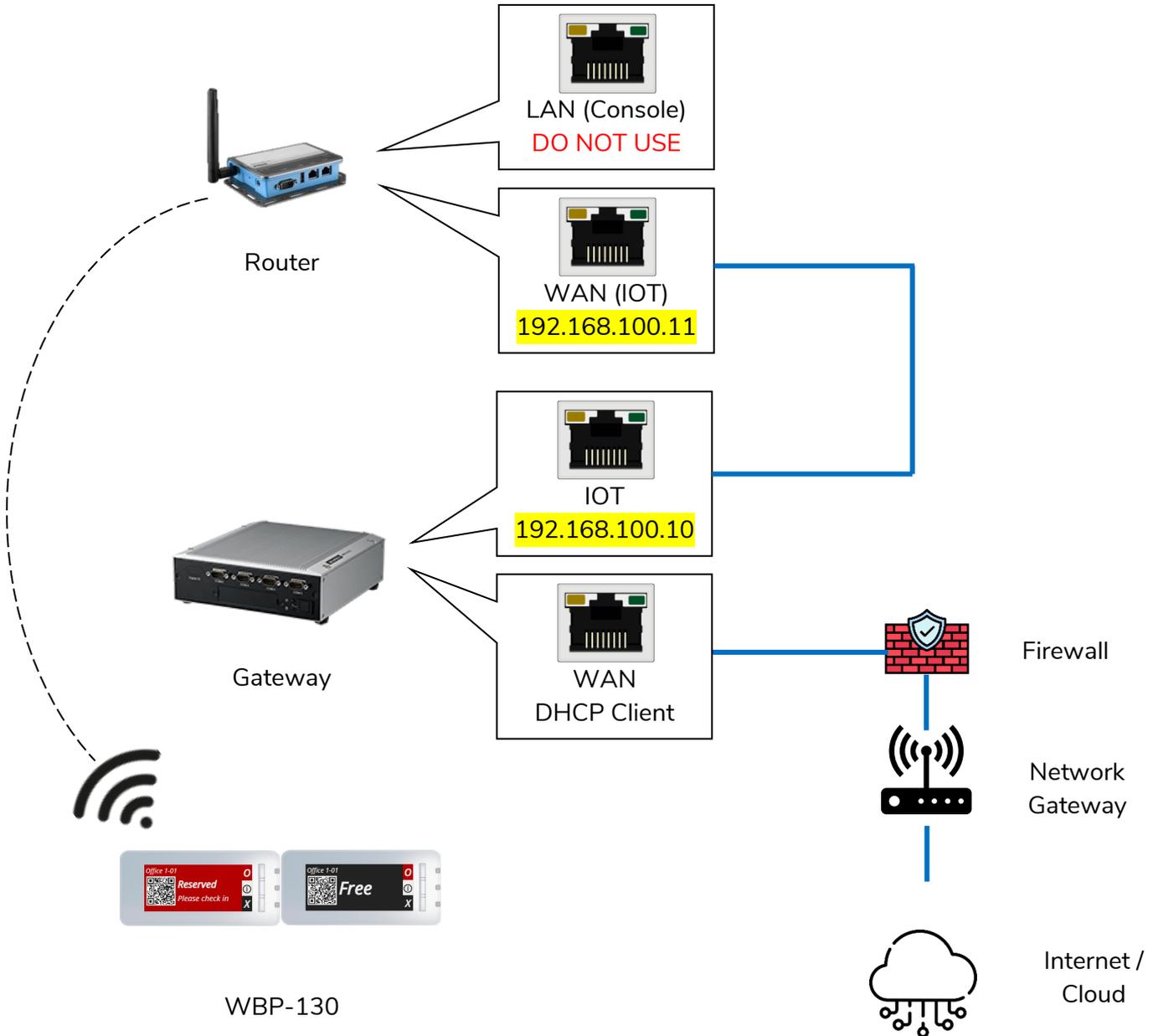
- WBP Router x 1



- WBP-130 x 2 with mounts



## C. Demo Set Up (MUST wire correctly!)



### Steps:

1. Connect the **WAN port on Router and IoT port on Gateway** via Ethernet cable. **Both ports are already set with static IP.**
2. Connect the **WAN port on Gateway to INTERNET/Cloud via network gateway.** Depends on the existing network environment. The WAN port is set as DHCP client.
3. Connect the gateway and the router with their power source and power on.
4. Once the system is ready, the demo content will be published to WBP-130.

### D. Demo Schedule

This demo set is pre-configured with the following daily schedule:

Desk Name	Time	Booking Information	Display
Desk 1A01	00:00 - 24:00	James Davies Software engineer XYZ corp.	
Desk 1A02	00:00 - 24:00	Free	

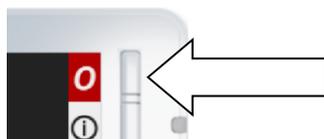
### E. Operating the Unit

The **WBP-130** will display the current booking status of each desk. Users can read the information on the display and interact with the device with the 3 buttons located at the right. **Hold the button for at least 1 second to activate the press.**

- **Free**



- Condition:
  - If it's no scheduled booking in next 15 minutes.
- Action(s);
  - To make an ad-hoc booking, press the physical button next to the "O".



It goes to Occupied and showing "IN USE".

- **Reserved**



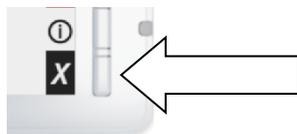
- Condition:
  - 15 minutes before a booking starts, until end of booking time.
- Action(s):
  - To check-in, press the physical button next to the “O”.



- **Occupied**



- Conditions:
  - User checks in successfully AND
  - Within a booking time.
- Action(s):
  - To check-out, press the physical button next to the “X”.



### F. Update SDK

1. Connect a display monitor via HDMI,

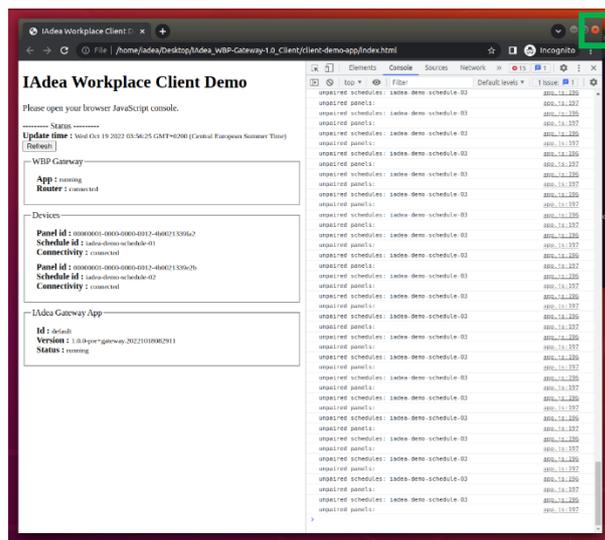


2. Connect a keyboard and a mouse to the Gateway via USB.



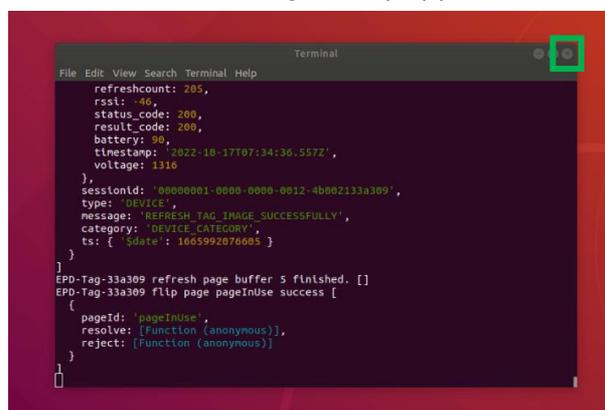
3. Close client-demo-app.

- I. Click "x" to close the client-demo-app webpage.



4. Close gateway app.

- I. Click "x" to close the gateway app terminal.



5. Delete client-demo-app

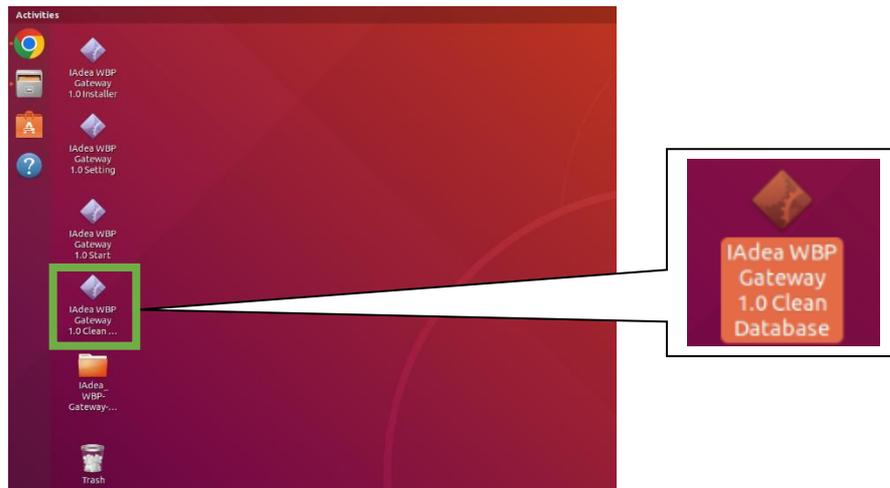
- I. Fine the “in IAdea\_WBP-Gateway-1.0\_Client” on desktop



- II. Delete it.

### 6. Clean schedule database.

- I. Note: Once database is cleaned, all current schedules would be deleted.
- II. Find “IAdea WBP Gateway 1.0 Clean Database”



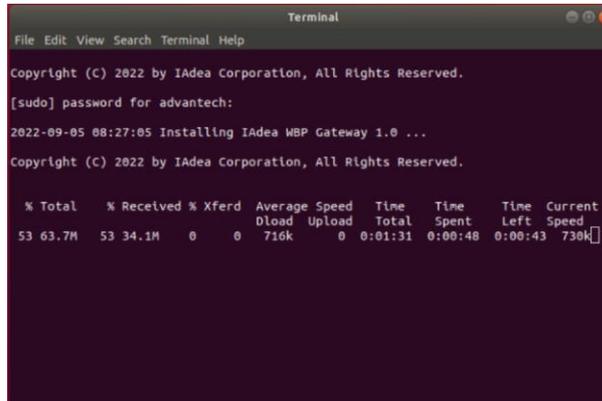
- III. Execute it.

### 7. Update SDK

- I. Find the “IAdea WBP Gateway 1.0 Installer” icon.



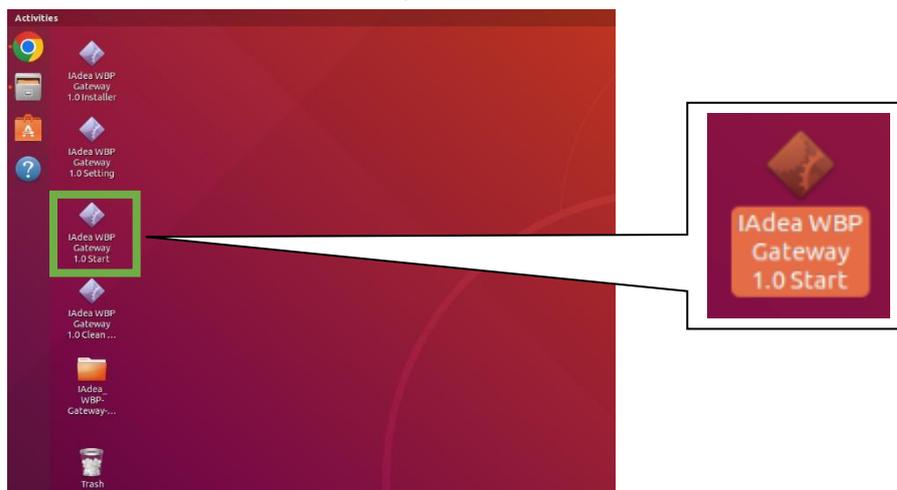
II. Execute it. Enter the password: **P@ssw0rd**



III. The latest SDK files will be automatically downloaded and installed.

8. Re-start Gateway App

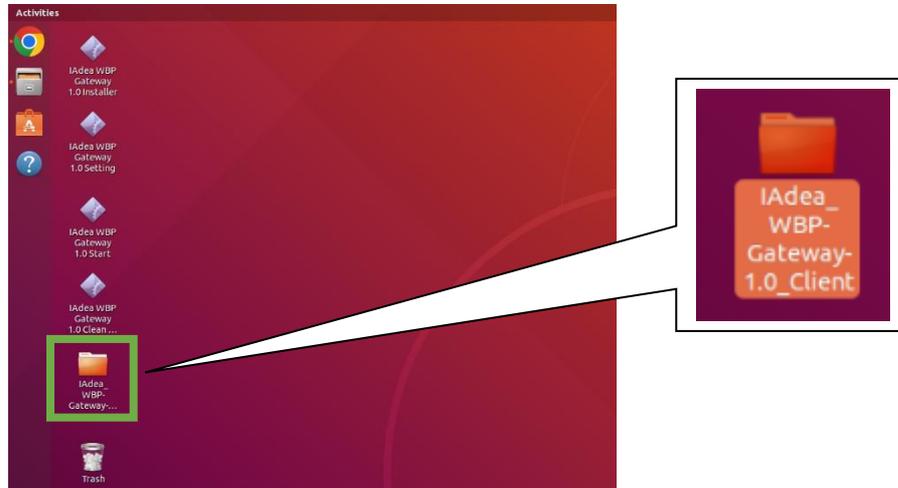
I. Find the “IAdea WBP Gateway 1.0 Start” icon.



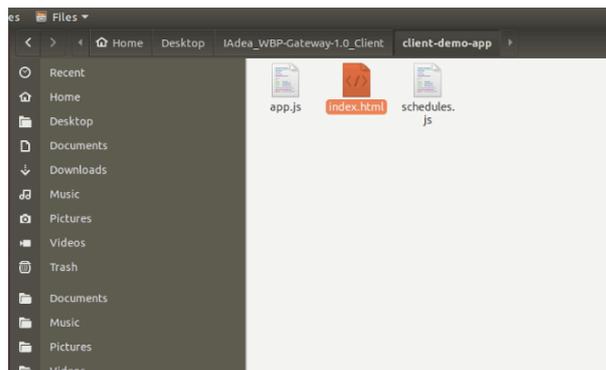
II. Execute it. It would open another terminal running the Gateway app. Do NOT close it.

9. Re-start client-demo-app.

- I. Open client-demo-app in IAdea\_WBP-Gateway-1.0\_Client folder.



- II. Open index.html in IAdea\_WBP-Gateway-1.0\_Client \ client-demo-app



## G. Troubleshoot

When Gateway boot-up, the client-demo-app would start automatically. It also shows the system status.

### IAdea Workplace Client Demo

Please open your browser JavaScript console.

----- Status -----

**Update time :** Wed Oct 19 2022 03:56:25 GMT+0200 (Central European Summer Time)

#### WBP Gateway

**App :** running  
**Router :** connected

#### Devices

**Panel id :** 00000001-0000-0000-0012-4b0021339fa2  
**Schedule id :** iadea-demo-schedule-01  
**Connectivity :** connected

**Panel id :** 00000001-0000-0000-0012-4b0021339e2b  
**Schedule id :** iadea-demo-schedule-02  
**Connectivity :** connected

#### IAdea Gateway App

**Id :** default  
**Version :** 1.0.0-pre+gateway.20221018082911  
**Status :** running

1. WBP Gateway – App  
Expected status: running  
The WBP Gateway App should become running in 10 minutes after booting. If it stuck in disconnect or no information for 20 minutes, reboot the WBP Gateway.
2. WBP Gateway – Router  
Expected status: connected  
If it shows disconnect, check if WBP Router power up and the connection between WBP Gateway and WBP Router
3. Devices (WBP-130)  
Expected status: connected  
The WBP-130 should become connected in 5 minutes after booting. If it stuck in disconnect for 10 minutes, pressing the physical button on the WBP-130 make it force connect to the Router.
4. IAdea Gateway App  
Expected status: running  
If it shows connection error, find the “IAdea WBP Gateway 1.0 Start” icon on desktop and execute it to start IAdea Gateway App.



### H. Integrate the WBP-130 with your app.

This demo can be programmed to connect to your workspace reservation software.

Please refer to software development guide for further information or contact solution developer support at [solutions@IAdea.com](mailto:solutions@IAdea.com).