



# **Communication dongle**

**IWB-D1**

<b>Company</b>	Samsung Electronics
<b>Device Name</b>	Wireless Device for Data Communication (IWB-D1)
<b>Manufacture Date</b>	2011
<b>Manufacturer/Country</b>	Alpha Networks / (confirmation needed)

### 1. Certification Mark

### 2. Product Specification

<b>Frequency range</b>	2405 MHz ~ 2480 MHz
<b>Temperature</b>	0°C ~ 40°C
<b>Data rate</b>	500 kbps
<b>Power Supply</b>	DC 5V

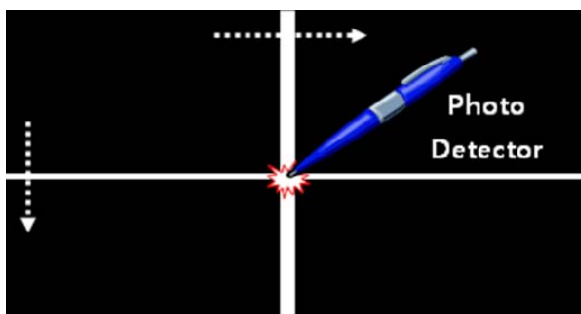
### 3. Appearance



### 4. How it works

#### - **Cursor coordinates recognition**

: IR sensor of the pen receives IR signal from the PDP panel, then process the coordinate recognition from the signal.



#### - **Data Transmission through USB Dongle**

: Pen receives the coordinate data and other input commands from the PDP panel, and then transmit to USB dongle. Through computer, the data is processed and generating the output result on the panel.



## **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **IMPORTANT NOTE:**

#### **Radiation Exposure Statement:**

The product comply with the US/Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.