

**PROFESSIONAL INSTALLATION MANUAL**

SmartBridges Pte Ltd manufactures wireless OutDoor units airBridge OutDoor model NO: SB 2110 and airPointPRO OutDoor model NO: SB 2510 conforming to IEEE 802.11b spec operating in ISM band .

- The devices shall be installed by professional installers only . It is not to be installed by general public .
- The devices shall not be sold to general public directly .The marketing channels are
  1. Distributors who sell them to Wireless Internet Service Providers who are the installers .
  2. Direct to Wireless Internet Service Providers through Web Sales who are the installers .
- The Antenna shall be fixed in place and connected to the device by professional installer .The installer has to set the output power using Dial – a – Power utility . The installer has to key in the Antenna Gain and Loss of the cable (Standard Cable is 1 meter long LMR 400 with N male connectors at both ends ,loss 0.5 dB ) used to connect the device to the antenna . The software utility computes and displays maximum power settable for FCC domain . The RF output power can be set to a maximum of +20 dBm. If the installer tries to set a larger radiated power output a Warning Message appears on the screen “ Warning EIRP exceeds the maximum specified limits for the regulatory domain ” . The installer has to reduce output power till the warning message disappears .

