



**PROFESSIONAL INSTALLATION MANUAL FOR 24 dBi Antenna**

SmartBridges Pte Ltd manufactures wireless OutDoor units airPoint XO model NO: SB 5200 and airPoint XO2 model NO: SB 5100 conforming to IEEE 802.11b spec operating in ISM band using external antennas. The 24 dBi antenna has to be installed only in point to point application and not in point to multi point application .

- 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 WebSales 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 17+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 .

