



Industrial Digital Booster

HiBoost SLD+ Overview

The HiBoost SLD+ is a full duplex mobile communication repeater that is designed for operations and used to enhance signal strength in small-and-medium-sized areas in a 700MHz,800MHz,1900MHz and 2100MHz network. It's a perfect solution for providing a wireless improvement in the cellular reception of hospitals,hotels,supermarkets,or other commercial and industrial sites in the quickest time possible.One repeater can cover up to 6000 square meters if there is enough good outdoor reception.



FCC Fulfillment

- FCC Grant Code OWW for this product series. To get detailed information, go to <https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm>
- FCC approved this equipment for use with all US carriers



Key Features

- ALL 2G, 3G and 4G standards are supported
- Digital platform, Band & Channel movable and tunable
- Carrier selective, Balance strong and weak signals among different operators
- Independent uplink and downlink gain control and on/off for each sub-band
- Excellent out-of-band rejections
- Local/Remote monitoring and control via integrated module (Bluetooth/Wi-Fi/Cat5/SIMCard)
- Smart functions(ALC, ISO, spectrum signal readings)to enable easy design & installation
- MGC + Smart AGC to optimize output power level and ensure seamless coverage effect
- Quality metal construction - durable and water resilient



Repeater Kit Includes

- Digital repeater

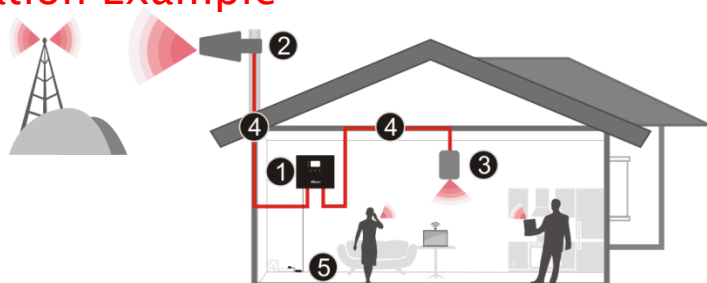
HiBOOST Boost Your Bars

- power cable
- Ethernet cable
- USB cable
- Mounting Bracket

Specification

Working Band	Band 12 / Band 13 / Band 5 / Band 25/2 / Band 4
UL Frequency Range	698-716 / 776 – 787 / 824-849 / 1850-1915 / 1710-1755
DL Frequency Range	728-746 / 746 – 757 / 869-894 / 1930-1995 / 2110-2155
Supported Standards	CDMA, WCDMA, GSM, EDGE, HSPA+, EVDO, LTE and all cellular standards
Max. Gain	80dB
Max. Output Power	UL 21~25 dBm, DL 27 dBm
MGC (Step Attenuation)	≥ 31 dB / 1 dB step
I/O Port	N-Female
Impedance	50 ohm
Environment Conditions	IP65
Dimensions	450*316*181mm
Weight	≤18.5 kg
Power Supply	Input AC100~240 V, 50/60 Hz

Installation Example



- ① HiBoost SLD+
- ② Donor Antenna
- ③ Service Antenna
- ④ Cable
- ⑤ AC Power Supply

WARNING. This is **NOT** a **CONSUMER** device. It is designed for installation by **FCC LICENSEES** and **QUALIFIED INSTALLERS**. You **MUST** have an **FCC LICENSE** or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.