



Home&Office Series

HiBoost Hi13-EW

## Description

HiBoost Home&Office Voice+3G wide band booster Hi13-EW is designed to improve mobile signal for end users directly. It covers any indoor area up to 500 square meters and is guaranteed to supply great communication experience with clearer calls and higher mobile data speeds than ever.



## Key Features

- Supports EGSM 900 and WCDMA 2100MHz
- Real-time LCD display
- Manual and automatic gain control functions
- Self-oscillation protection
- High integration
- Compact and light
- Good heat dissipation for long time operation
- Wide power supply range and low power consumption



## Booster Kit Includes

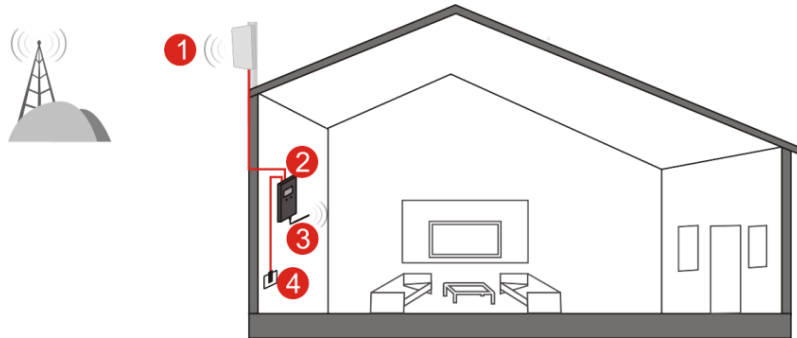
- Voice+3G mobile signal booster
- Outdoor wide band panel antenna
- 50 ft/15.2m low-loss HiBoost200 cable
- Indoor wide band whip antenna
- 12V/3A, AC/DC power supply





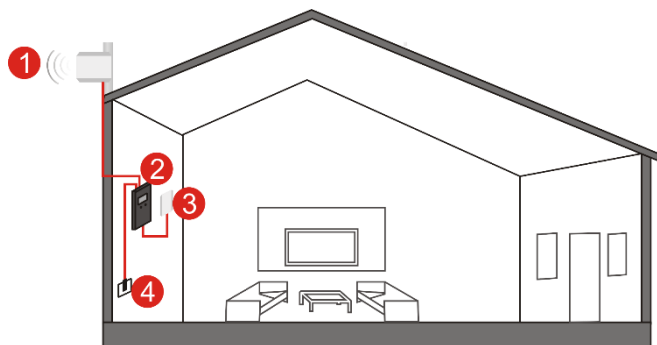
## Installation Examples

Standard Kit (coverage up to 300 sq.m)



1. Outdoor panel antenna    2.Booster    3.Indoor whip antenna    4.Power supply

Standard Kit + 1 optional Panel or Omni Kit (+1 indoor panel/omni antenna - coverage up to 500 sq.m.)



1. Outdoor panel antenna    2.Booster    3.Indoor panel antenna    4.Power Supply



## Specification

RF Parameter		Uplink	Downlink
Frequency Range	900MHz	880~915MHz	925~960 MHz
	2100MHz	1920~1980MHz	2110~2170 MHz
Max .Gain		60dB	65dB
MGC ( Step Attenuation )		≥31dB / 1dB step	
Intelligent AGC*	ALC	≥42dB	
	ISO	≥42dB	
Gain Flatness		Typical≤5dB (P-P)	
Noise Figure @ Max. System Gain		Typical≤5dB	
V.S.W.R		Typical≤2	
Group Delay		≤1μs	
Frequency Stability		≤0.01ppm	
Electrical Parameter			
Power Supply		Input AC90~240V,50/60Hz,Output DC12V/3A	
Power Consumption		≤10W	
Input & Output Impedance		50 ohm	
Indicator			
LCD Display		Frequency, Gain, Output Power, ALC, ISO, etc.	
Mechanical Parameter			
I /O Port Type		N-Female	
Dimension		4.7*7.8*1.3 inch/120*198*34mm	
Weight		≤2.2lbs/1KG	
Environment Parameter			
Operating Temperature		-10°C~+55°C	
Storage Temperature		-10°C~+80°C	
Relative Humidity		5% - 95%	
Barometric Pressure		55 kPa -106 kPa	
Environment Conditions		IP40	

\* MGC, ALC and ISO share intelligent AGC 42 dB range.

\*\* ALC: 42dB automatic gain adjustment range to stabilize the output power.

\*\*\* ISO: 42dB intelligent isolation processing to avoid self-oscillation.

Note: Typical specification for room temperature.

We reserve the right to change this specification without prior notice.