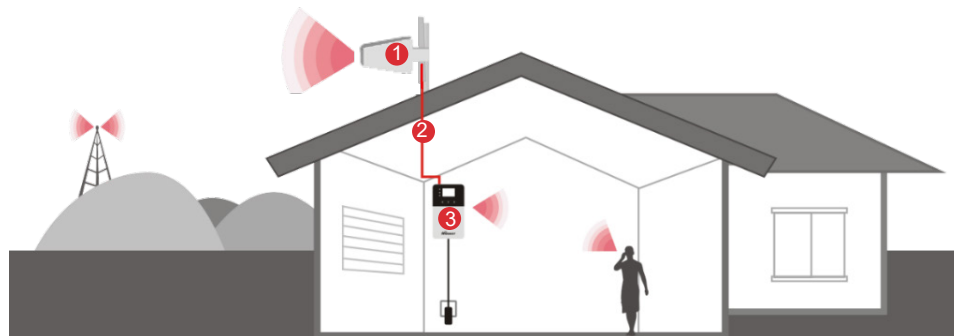




Installation Examples

Standard Kit (coverage up to 500 sq.m)

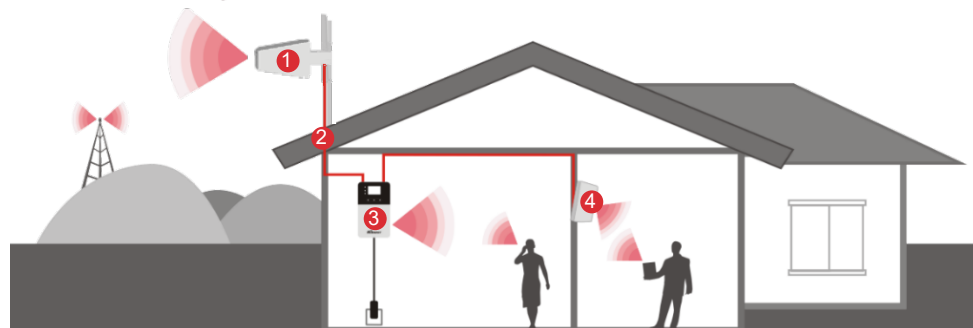


1-Outdoor directional antenna

2-50ft (15.2m) Hiboost200 cable

3-Booster with built-in indoor antenna

Standard Kit + 1 or 2 sets of optional Panel/ Omni Kit (+1 /2 indoor panel/omni antennas – coverage up to 1000 sq.m.)



1-Outdoor directional antenna

2-50ft (15.2m) Hiboost200 cable

3-Booster with built-in antenna

4-Indoor panel/omni antenna + 50ft (15.2m) cable



Specification

RF Parameter		Uplink	Downlink
Frequency Range	800MHz	832~862MHz	791~821MHz
	900MHz	880~915MHz	925~960MHz
	1800MHz	1710~1785MHz	1805~1880MHz
	2100MHz	1920~1980MHz	2110~2170MHz
	2600MHz	2500~2570MHz	2620~2690MHz
Max .Gain		63dB	65dB
MGC (Step Attenuation)		≥31 dB / 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		≤0.01 ppm	
Electrical Parameter			
Power Supply		Input AC90~264V,50/60Hz, Output DC12V/3A	
Power Consumption		≤12W	
Input & Output Impedance		50 ohm	
Indicator			
LCD Display		Frequency, Gain, Output Power, ALC, ISO, etc.	
Mechanical Parameter			
I /O Port Type		N-Female	
Dimension		153 x 246 x 36mm/ 6 x 9.7 x 1.4inch	
Weight		≤3.97lbs/1.8KG	
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: This is a typical specification for room temperature.

Huaptec reserves the right to change this specification without prior notice.