

GLOBAL EAST ASIA TECHNOLOGY CO.,LIMITED



Model Number: GL-20L-LGDWL-B20	
Product: Signal booster	
Network	4g,gsm,3g,lte,2g,CDMA,WCDMA,DCS,PCS,AWS
Frequency	5 band signal booster
Output Power	20±dBm
Gain	70±2dBm
Coverage	About 100-400sqm
Connector	N female
Dimensions-mm	253*170*30
Net weight	2.4-2.4835GHz
Dimensions	≤1KG
Packing Size-mm	253*170*30
Gross weight	≤2KG
Warranty	12 Months



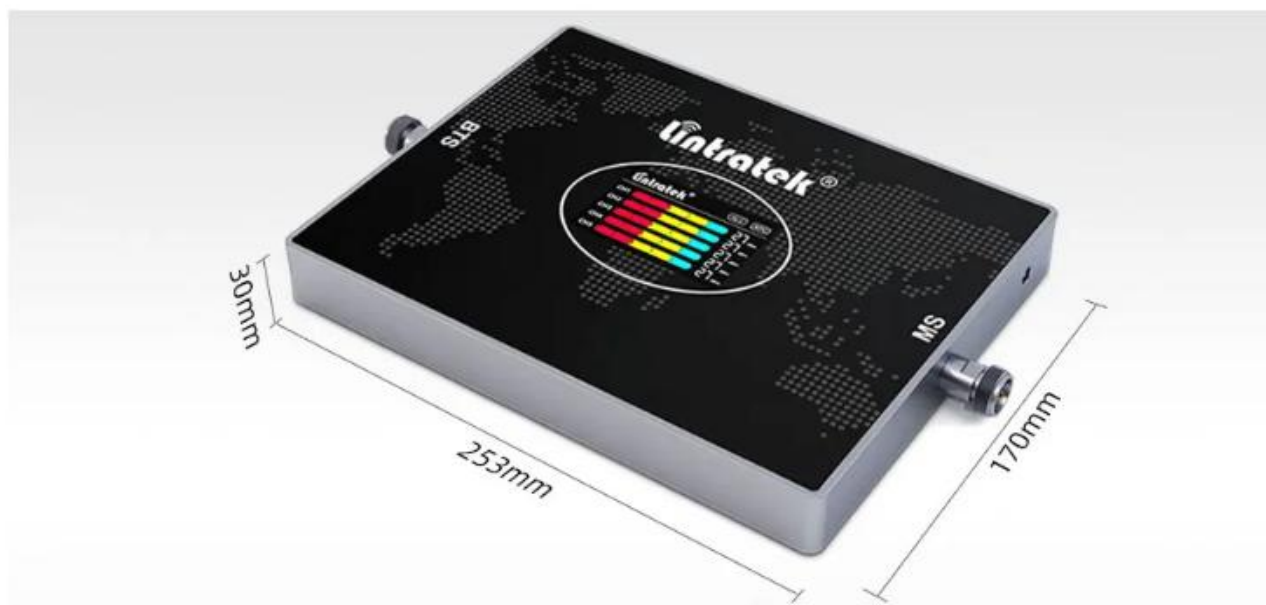
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适用频率Frequency Ranges:

频率范围Frequency range	上行Uplink	下行Downlink
● Band 12	699 ~ 716	729 ~ 746
● Band 13	777 ~ 787	746 ~ 756
● Band 28	703 ~ 748	758 ~ 803
● Band 20	832 ~ 862	791 ~ 821
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● Band 7	2500 ~ 2570	2620 ~ 2690
● PCS	1850 ~ 1910	1930 ~ 1990
● AWS	1710 ~ 1755	2110 ~ 2155
● LTE-2600	2500 ~ 2570	2620 ~ 2690

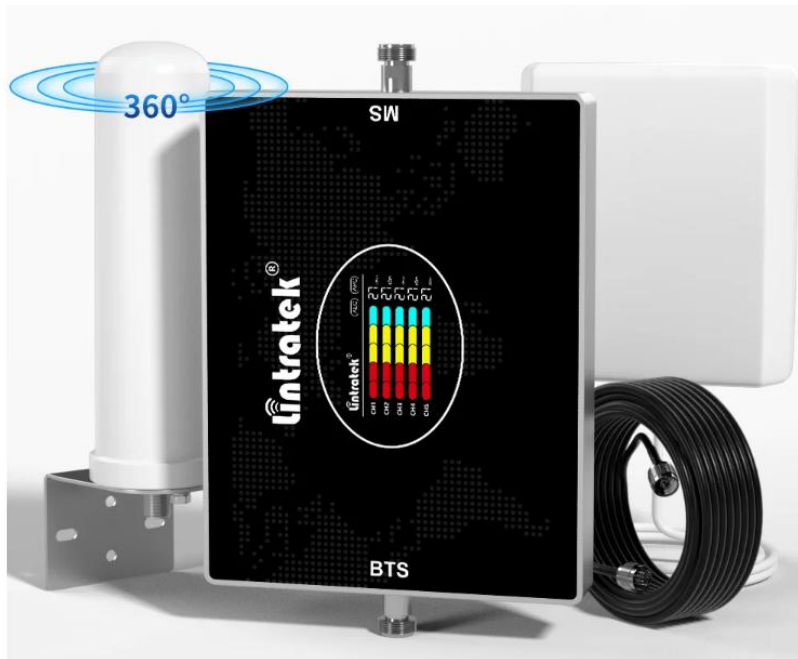
产品参数Product Parameters:

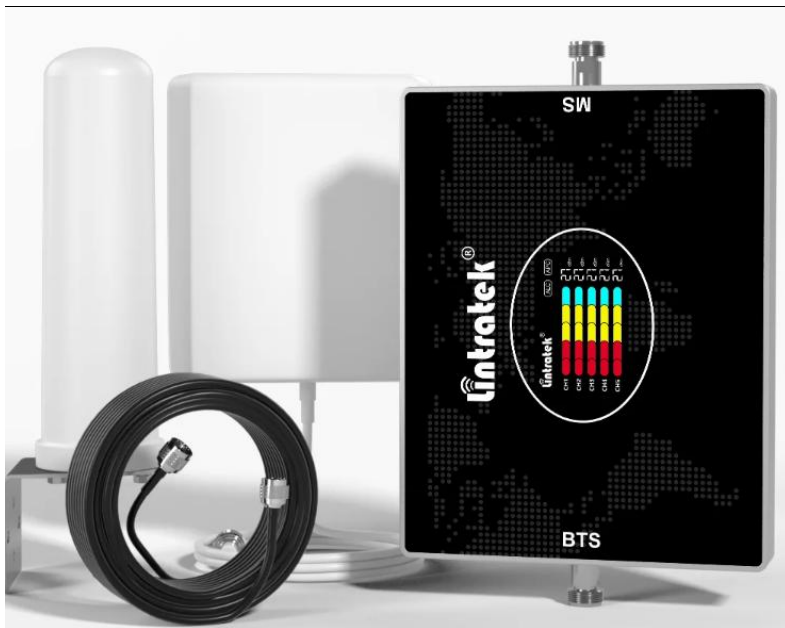
增益Gain	上行:55 ± 3dB	下行:70 ± 3dB
输出功率Output Power	上行:15 ± 2dBm	下行:20 ± 2dBm
产品尺寸Dimensions(D*W*H)	245*165*32mm	
净重Net Weight	<1.25KG	
自动增益控制Automatic Gain Control	是 Yes	
工作温度Operating Temperature	-25°C ~ 55°C	
接口类型RF Connector	N母头 (N-Female)	
电源Power Supply	AC : 100 ~ 240V ; 50/60Hz ; DC : 5V 3A	
阻抗匹配Impedance	50 ohm	
散热Cooling	对流冷却 Heatsink Convection cooling	
电源功耗Power consumption	<15W	
湿度Humidity	< 90%	
驻波VSWR	≤3	
平均无故障时间MTBF	>50000 hours	
环境适应性Environment Conditions	IP40	



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Repeater Gain	Max Up to 70dB
Output Power	Max Up to 20dBm
Power Supply	AC: 100~240V, 50/ 60Hz; DC: 5V 3A
Repeater Connectors	N-Female *2 connector
Installation Type	Keep flat or Wall Mounted Installation
Installation Place	Indoor
Repeater Size	253mm(L) * 170mm(W) * 30mm(H)
Gross Weight	1.54kg
Working Environment	Temperature : -10°C ~ +55°C Humidity : 10 ~ 90%
All models for KW20L Five Band Signal Booster	KW20L-LGDWL-B20 for Band20 800mhz, GSM 900mhz, DCS 1800mhz, WCDMA2100mhz, Band7 2600mhz KW20L-LGDWL-B28/B7 for Band28 700mhz, GSM 900mhz, DCS 1800mhz, WCDMA2100mhz, Band7 2600mhz KW20L-LLCPA-B12/B13 for Band12 700mhz, Band13 700mhz, CDMA 850mhz, PCS 1900mhz, AWS 1700/2100mhz KW20L-LLCPA-B28/B7 for Band28 700mhz, Band7 2600mhz, CDMA 850mhz, PCS 1900mhz, AWS 1700/2100mhz
Applicable Scene	City house, Country house, Store, Villa, Office, Hotel, Shopping mall, Shipping







CAR SIGNAL AMPLIFIER



Accessories Matching Selection

Power Supply



UK



AU



US



EU



Vehicle power supply



Outdoor receiving antenna



Logarithmic antenna



Yagi antenna



Grid antenna



Plate antenna



Omnibearing antenna



Indoor Signal Output Antenna



Siling antenna



Whip antenna



Wall hanging antenna



Sucker antenna



Columnar antenna



Other hardware accessories and jumpers(optional)



Power divider



Fixed frame



Jumpers



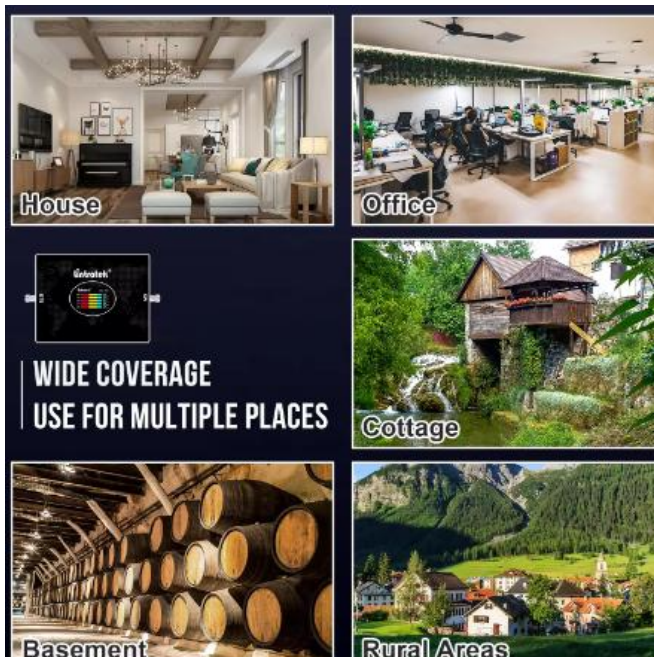
Connector



Attenuator

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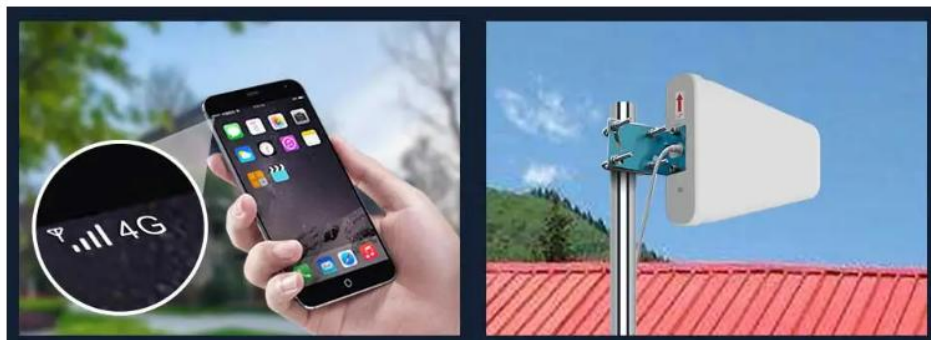
Applications:



适用场景 (部分): Suitable for the scenes

场景类型 Scenes Type				有效覆盖面积 Coverage Range
城市住宅 City house	乡村住宅 Country house	商铺 Store	独栋建筑/别墅 Single-family building/villa	50m ² -500m ² 内 Between 50m ² -500m ²
✓	✓	✓	✓	
办公楼 Office building	酒店 Hotel	商场 Shopping mall	船泊 Shipping	
✓	✓	✓	✓	

How to install Signal Booster ?



Step 1

Search a position where can receive good signal (stronger than -70dB). Parallely install the outdoor antenna on that location, towards to the base station or cell tower.



Step 2

Use cable to connect the out door antenna and the BTS port of signal booster. Another MS port of the signal booster connect the indoor antenna. Please ensure all were tightened joints, connected well.



Step 3

After finished all parts then check whether all connection is well, now you can turn on the power and check your mobile phone signal strength.

Production Process



FAQ

Q1: Do you have CE or any other certification?

A: Yes,we CE,ISO,ROHS and FCC certification,etc.

Q2: Can you give me a discount?

A: We will offer discount when we hold activities.

Q3: How about gain and output power of your device?

A: Different models, gain and output power are different,for more details, please contact us.

Q4: How long is warranty period?

A: The warranty is 12 months. And we offer 7*24 technical support

Q5: What's your device lifespan?

A: Normally our device can be used 5-10 years.

Q6: how many square meters can be covered?

A: Connect more than 2 indoor antenna , GL-20L-LGDWL could cover up to 800 square meters.

Q7: Can I use your device in suburbs or remote areas?

A: Yes, as long as you can find a good signal source, our signal booster can help you solve signal problems in remote areas.