Cell Phone Signal Booster

Stay Connected, Enjoy Faster Internet

CEREVO TECHNOLOGY LIMITED

CATALOGUE

INTELLIGENT BOOSTER — 01

Single Band Dual Band
Triple Band Penta Band

SMART EXTENSION BOOSTER — 02

Single Band Dual Band
Triple Band Penta Band

DIGITAL BAND SELECTIVE BOOSTER — 03

American Band
European Band

HIGH POWER REPEATER — 04

Single Band
Dual Band

INTELLIGENT BOOSTER

KEY FEATURES:

- Plug & Play Devices, Easy setup, Easy installation
- With Automatic Isolation Detection and Adjustment Function, No need for Professional Measurement during Installation.

INTELLIGENT BOOSTER

Single Band



Key Features

1.Wideband Model, 17dBm, 65dB

2.With User Friendly LCD Indicator

3.With Intelligent Isolation detection and Auto adjustment function

Model Name: T1

Sing Band Model Type:

T1-850

T1-900

T1-1800

T1-2100

Frequency Range

Model No.	Frequency	Uplink (MHz)	Downlink (MHz)
T1-850	850MHz	824-849	869-894
T1-900	900MHz	890-915	935-960
T1-1800	1800MHz	1710-1785	1805-1880
T1-2100	2100MHz	1920-1980	2110-2170

Specification

Output power	17 dBm
Gain	Uplink: 60 dB, Downlink: 65 dB
ALC Range	≥30 dB
Intelligent Set up	Automatic detection & Adjustment & Shut Down
Operating Temperature	-10°C-55°C
Weight	1 kg (Kit)
Dimension	Panel Antenna : 130 × 90 × 26 mm
	Host : 160 × 105 × 25 mm
RF Connector	SMA Female
Power Supply	AC: 100-240 V / 3 W



Application Scenario

Family House	Country House	Stores	Home Office	Coverage Size
√	√	√	√	≤300㎡
Office Building	Hotel	Shopping Mall	Underground Parking	

Kit Include

Outdoor Antenna	Indoor Antenna	Power Supply	Accessories
Panel Antenna with 20 Meter length 5D cable	Pigtail Antenna	AC: 100-240 V/3 W	Antenna Mounting Accessories

INTELLIGENT BOOSTER

Double Band

Key Features

1.Wideband Model, 20dBm, 70dB

2.With User Friendly LCD Indicator

3.With Intelligent Isolation detection and Auto adjustment function



Model Name: T2

Dual Band Model Type:

T2-0819
T2-0918
T2-1821
T2-0921

Frequency Range

Model No.	Frequency	Uplink (MHz)	Downlink (MHz)
T2-0819	CDMA850/PCS1900	824-849/1850-1910	869-894/1930-1990
T2-0918	GSM900/DCS1800	890-915/1710-1785	935-960/1805-1880
T2-1821	DCS1800/WCDMA2100	1710-1785/1920-1980	1805-1880/2110-2170
T2-0921	GSM900/WCDMA2100	890-915/1920-1980	935-960/2110-2170

Specification

Output power	20 dBm
Gain	Uplink: 65dB, Downlink: 70dB
ALC Range	≥30 dB
Intelligent Set up	Automatic detection & Adjustment & Shut Down
Operating Temperature	-10°C-55°C
Weight	1 kg (Kit)
Dimension	Panel Antenna : 130 × 90 × 26 mm
	Host : 160 × 105 × 25 mm
RF Connector	SMA Female
Power Supply	AC: 100-240 V / 3 W

Application Scenario

Family House	Country House	Stores	Home Office	Coverage Size
√	√	√	√	≤600 ㎡
Office Building	Hotel	Shopping Mall	Parking Garage	
√	√	√	√	



Kit Include

Outdoor Antenna	Indoor Antenna	Power Supply	Accessories
Panel Antenna with 20 Meter length 5D cable	Pigtail Antenna	AC: 100-240 V/3 W	Antenna Mounting Accessories

INTELLIGENT BOOSTER

Triple Band



Key Features

1.Wideband Model, 20dBm, 70dB

2.With User Friendly LCD Indicator

3.With Intelligent Isolation detection and Auto adjustment function

Model Name: T3

Dual Band Model Type:

T3-081921

T3-091821

T3-070819

Frequency Range

Model No.	Frequency	Uplink (MHz)	Downlink (MHz)
T3-081921	CDMA850/PCS1900 AWS2100	824-849/1850-1910/1710-1780	869-894/1930-1990/2110-2180
T3-091821	GSM900/DCS1800 WCDMA2100	890-915/1710-17851920-1980	935-960/1805-1880/2110-2180
T3-070819	GSM900/DCS1800 WCDMA2100	703-748/824-849/1850-1910	758-803/869-894/1930-1990

Specification

Output power	20 dBm
Gain	Uplink: 65dB, Downlink: 70dB
ALC Range	≥30 dB
Intelligent Set up	Automatic detection & Adjustment & Shut Down
Operating Temperature	-10°C-55°C
Weight	1 kg (Kit)
Dimension	Panel Antenna : 130 × 90 × 26 mm
	Host : 160 × 105 × 25 mm
RF Connector	SMA Female
Power Supply	AC: 100-240 V / 3 W



Application Scenario

Family House	Country House	Stores	Home Office	Coverage Size
√	√	√	√	≤600 ㎡
Office Building	Hotel	Shopping Mall	Parking Garage	
√	√	√	√	

Kit Include

Outdoor Antenna	Indoor Antenna	Power Supply	Accessories
Panel Antenna with 20 Meter length 5D cable	Pigtail Antenna	AC: 100-240 V/3 W	Antenna Mounting Accessories

INTELLIGENT BOOSTER

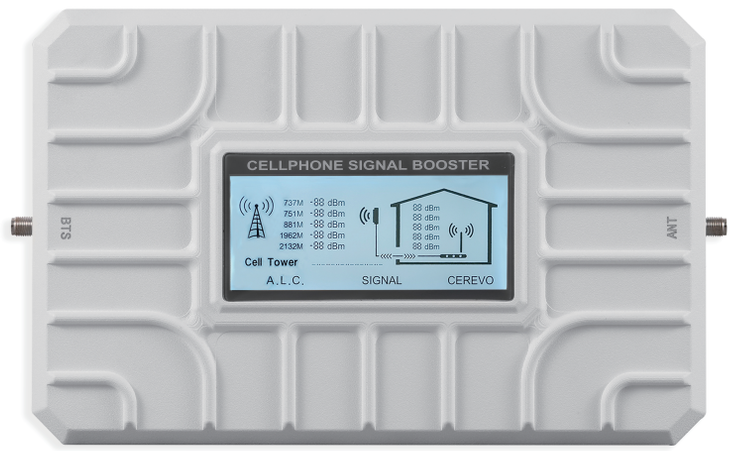
Penta Band

Key Features

1.Wideband Model, 20dBm, 70dB

2.With User Friendly LCD Indicator

3.With Intelligent Isolation detection and Auto adjustment function



Model Name: T5

T5-A

T5-E

Frequency Range

Model No.	Frequency	Uplink (MHz)	Downlink (MHz)
T5-A	Band 12/Band 13 / Band 5 Band 25-2 / Band 4	698-716 / 776-787 / 824-849 1850-1915 / 1710-1755	728-746 / 746-757 / 869-894 1930-1995 / 2110-2155
T5-E	800/900/1800/2100/2600	824-849/890-915/1710-1785 1920-1980/ 2500-2570	869-894/935-960/1805-1880 2110-2170/2620-2690

Specification

Output power	20 dBm
Gain	Uplink: 65dB, Downlink: 70dB
ALC Range	≥30 dB
Intelligent Set up	Automatic detection & Adjustment & Shut Down
Operating Temperature	-10°C-55°C
Weight	1 kg (Kit)
Dimension	Panel Antenna : 130 × 90 × 26 mm
	Host : 160 × 105 × 25 mm
RF Connector	SMA Female
Power Supply	AC: 100-240 V / 3 W

Application Scenario

Family House	Country House	Stores	Home Office	Coverage Size
√	√	√	√	≤600 ㎡
Office Building	Hotel	Shopping Mall	Parking Garage	
√	√	√	√	



Kit Include

Outdoor Antenna	Indoor Antenna	Power Supply	Accessories
Panel Antenna with 20 Meter length 5D cable	Pigtail Antenna	AC: 100-240 V/3 W	Antenna Mounting Accessories

SMART EXTENSION BOOSTER

KEY FEATURES:

With LCD Screen, Easy Observation For Working Status •

Support Multiple Antennas Connection •

SMART EXTESION BOOSTER

Single Band

Key Features

1.Wideband Model, 17dBm, 63dB

2.With User Friendly LCD Indicator

3.Support multiple antennas



Model Name: S1

Sing Band Model Type:

S1-850
S1-900
S1-1800
S1-2100

Specification

Output power	UL:14±2dBm, DL: 17 dBm±2dBm
Gain	UL: 58±3 dB, DL: 63±3 dB
ALC Range	≥30 dB
Intelligent Set up	Automatic detection & Adjustment & Shut Down
Operating Temperature	-10°C-55°C
Weight	1 kg (Kit)
Dimension	Panel Antenna : 130 × 90 × 26 mm
	Host : 160 × 105 × 25 mm
RF Connector	SMA Female
Power Supply	AC: 100-240 V / 3 W

Frequency Range

Model No.	Frequency	Uplink (MHz)	Downlink (MHz)
S1-850	850MHz	824-849	869-894
S1-900	900MHz	890-915	935-960
S1-1800	1800MHz	1710-1785	1805-1880
S1-2100	2100MHz	1920-1980	2110-2170

Application Scenario

Family House	Country House	Stores	Home Office	Coverage Size
√	√	√	√	≤400㎡
Office Building	Hotel	Shopping Mall	Parking Garage	



Kit Include

Outdoor Antenna	Indoor Antenna	Cable	Accessories
11dB Log Antenna	5dB Panel Antenna	20 Meter Length 5D Cable 10 Meter Length 5D Cable	Antenna Mounting Accessories

SMART EXTESION BOOSTER

Dual Band



Key Features

1.Wideband Model, 17dBm, 68dB

2.With User Friendly LCD Indicator

3.Support multiple antennas

Model Name: S2

Dual Band Model Type:

S2-0819
S2-0918
S2-1821
S2-0921

Frequency Range

Model No.	Frequency	Uplink (MHz)	Downlink (MHz)
S2-0819	CDMA850/PCS1900	824-849/1850-1910	869-894/1930-1990
S2-0918	GSM900/DCS1800	890-915/1710-1785	935-960/1805-1880
S2-1821	DCS1800/WCDMA2100	1710-1785/1920-1980	1805-1880/2110-2170
S2-0921	GSM900/WCDMA2100	890-915/1920-1980	935-960/2110-2170



Specification

Output power	UL: 14±2dBm, DL: 17±2dBm
Gain	Uplink: 60±2dB, Downlink: 68±3dBm
ALC Range	≥30 dB
Intelligent Set up	Automatic detection & Adjustment & Shut Down
Operating Temperature	-10°C-55°C
Weight	1 kg (Kit)
Dimension	Panel Antenna : 130 × 90 × 26 mm
	Host : 160 × 105 × 25 mm
RF Connector	SMA Female
Power Supply	AC: 100-240 V / 3 W

Application Scenario

Family House	Country House	Stores	Home Office	Coverage Size
√	√	√	√	≤1000㎡
Office Building	Hotel	Shopping Mall	Parking Garage	
√	√	√	√	

Kit Include

Outdoor Antenna	Indoor Antenna	Power Supply	Accessories
11dB Log Antenna	6dB Directional Panel Antenna	20 Meter Length 5D Cable 10 Meter Length 5D Cable	Antenna Mounting Accessories

SMART EXTESION BOOSTER

Triple Band

Key Features

1.Wideband Model, 17dBm, 68dB

2.With User Friendly LCD Indicator

3.Support Multiple Antennas



Model Name: S3

Dual Band Model Type:

S3-081921
S3-091821
S3-070819

Specification

Output power	UL: 14±2dBm, DL: 17±2dBm
Gain	Uplink: 60±2dB, Downlink: 68±3dBm
ALC Range	≥30 dB
Intelligent Set up	Automatic detection & Adjustment & Shut Down
Operating Temperature	-10°C-55°C
Weight	1 kg (Kit)
Dimension	Panel Antenna : 130 × 90 × 26 mm
	Host : 160 × 105 × 25 mm
RF Connector	SMA Female
Power Supply	AC: 100-240 V / 3 W

Frequency Range

Model No.	Frequency	Uplink (MHz)	Downlink (MHz)
S3-081921	CDMA850/PCS1900 AWS2100	824-849/1850-1910/1710-1780	869-894/1930-1990/2110-2180
S3-091821	GSM900/DCS1800 /WCDMA2100	890-915/1710-1785/1920-1980	935-960/1805-1880/2110-2180
S3-070819	LTE700/CD-MA850/PCS1900	703-748/824-849/1850-1910	758-803/869-894/1930-1990

Application Scenario

Family House	Country House	Stores	Home Office	Coverage Size
√	√	√	√	≤1000㎡
Office Building	Hotel	Shopping Mall	Parking Garage	
√	√	√	√	



Kit Include

Outdoor Antenna	Indoor Antenna	Cable	Accessories
11dB Log Antenna	Pigtail Antenna	20 Meter Length 5D Cable 10 Meter Length 5D Cable	Antenna Mounting Accessories

SMART EXTESION BOOSTER

Penta Band



Key Features

1.Wideband Model, 17dBm, 70dB

2.With User Friendly LCD Indicator

3.Support Multiple Antennas

Model Name: S5

S5-A

S5-E

Specification

Output power	17dBm
Gain	Uplink: 60±2dB, Downlink: 70±3dBm
ALC Range	≥30 dB
Intelligent Set up	Automatic detection & Adjustment & Shut Down
Operating Temperature	-10°C-55°C
Weight	1 kg (Kit)
Dimension	Panel Antenna : 130 × 90 × 26 mm
	Host : 160 × 105 × 25 mm
RF Connector	SMA Female
Power Supply	AC: 100-240 V / 3 W

Frequency Range

Model No.	Frequency	Uplink (MHz)	Downlink (MHz)
S5-A	Band 12/Band 13 / Band 5 Band 25-2 / Band 4	698-716 / 776-787 / 824-849 1850-1915 / 1710-1755	728-746 / 746-757 / 869-894 1930-1995 / 2110-2155
S5-E	800/900/1800/2100/2600	824-849/890-915/1710-1785 1920-1980/ 2500-2570	869-894/935-960/1805-1880 2110-2170/2620-2690



Application Scenario

Family House	Country House	Stores	Home Office	Coverage Size
√	√	√	√	≤1000㎡
Office Building	Hotel	Shopping Mall	Parking Garage	
√	√	√	√	

Kit Include

Outdoor Antenna	Indoor Antenna	Cable	Accessories
Panel Antenna with 20 Meter length 5D cable	Pigtail Antenna	20 Meter Length 5D Cable 10 Meter Length 5D Cable	Antenna Mounting Accessories

DIGITAL BAND SELECTIVE BOOSTER

KEY FEATURES:

- Designed for Cellular Operator Network
- Bandwidth can be programmed and Adjusted

DIGITAL BAND SELECTIVE BOOSTER



Model Name: T5

D3-A2
D3-E2

Key Features

1.Digital Selective Band, 20dBm, 70dB
2.With Intelligent Isolation detection and Auto adjustment function
3.No Interference to Operator Networks

Frequency Range

Model No.	Frequency	Uplink (MHz)	Downlink (MHz)
D3-A2	850/1900/AWS2100	824-849/1850-1910/1710-1780 Bandwidth Free Selection	869-894/1930-1990/2110-2180 Bandwidth Free Selection
D3-E2	900/1800/WCDMA2100	890-915/1710-1785/1920-1980 Bandwidth Free Selection	935-960/1805-1880/2110-2180 Bandwidth Free Selection

Specification

Output power	20 dBm
Gain	Uplink: 65dB, Downlink: 70dB
ALC Range	≥30 dB
Intelligent Set up	Automatic detection & Adjustment & Shut Down
Operating Temperature	-10°C-55°C
Weight	1 kg (Kit)
Dimension	Panel Antenna : 130 × 90 × 26 mm
	Host : 160 × 105 × 25 mm
RF Connector	SMA Female
Power Supply	AC: 100-240 V / 3 W

HIGH POWER REPEATER

KEY FEATURES:

- 43dBm Output Power, 95dB Gain, Cover up to 5KM
- With Network Management System, Allow Remote Monitor and Remote Adjustments

HIGH POWER REPEATER

Single Band



Key Features

Support 2G,3G and 4G
Multi-Operator and Multi-System

Auto protection for self-excitation

Built-in wireless modem that enables the remote monitor and Control of the repeater through Network Management Systems

Model No.	Band	Uplink (MHz)	Downlink (MHz)
SR0895-20V2	CDMA850	824-849	869-894
SR0995-20V2	GSM900	890-915	935-960
SR1895-20V2	DCS1800	1710-1785	1805-1880
SR1995-20V2	PCS1900	1850-1910	1930-1990
SR2195-20V2	WCDMA2100	1920-1980	2110-2170

Specification

ELECTRICAL	
Output power	43dBm(DL), 33dBm (UL)
Max Input power	13 dBm
Gain	95 ± 3 Db
Gain Adjust Range	≥30 dB; 1 dB/step
Gain Flatness	≤3dBp-p @ Full Band, ≤1dBp-p @ Any 3.84MHz
ALC	≥25dB
ACPR	≤ -50dBc @ ±5 MHz, @ 30KHz RBW ≤ -55dBc @ ±10 MHz, @ 30KHz RBW
Noise Figure	≤ 5 dB
Out Band Rejection	5MHz deviated from the edge of the working band ≤-60dBc
EVM	≤ 5dB
Time Delay	≤ 5 μs
Spurious Emission	Meet 3GPP TS 25.143 9.1 Spectrum emission mask
VSWR	≤ 1.5
Port Impedance	50 Ω
Monitoring Functions	Remote Monitor: GSM Modem (Via SMS Function: (1) Input /Output Power detection;(2) Equipment temperature detection; (3)VSWR detection;(4) DL/UL gain adjustment; (5) Over input/output power alarm; (6) Low output power alarm;
POWER, MECHANICAL & ENVIRONMENTAL	
Weight	≤15 kg
Dimension	428 × 328 × 175mm
RF Connector	N-F
Power Supply	AC110V 60Hz
Power Consumption	≤ 180 W
Temperature	-25～+55℃

HIGH POWER REPEATER

Dual Band

Key Features

- Support 2G,3G and 4G Multi-Operator and Multi-System
- Auto protection for self-excitation
- Built-in wireless modem that enables the remote monitor and control of the repeater through Network Management Systems



Model No.	Band	Uplink (MHz)	Downlink (MHz)
DR0819-20V2	CDMA850/PCS1900	824-845/1810-1910	869-894/1930-1990
DR0918-20V2	GSM900/DCS1800	890-915/1710-1785	935-960/1805-1880
DR0719-20V2	LTE700/PCS1900	703-748/1810-1910	758-803/1930-1990

Specification

ELECTRICAL	
Output power	43dBm(DL), 33dBm (UL)
Max Input power	13 dBm
Gain	95 ± 3 Db
Gain Adjust Range	≥30 dB; 1 dB/step
Gain Flatness	≤3dBp-p @ Full Band, ≤1dBp-p @ Any 3.84MHz
ALC	≥25dB
ACPR	≤ -50dBc @ ±5 MHz, @ 30KHz RBW ≤ -55dBc @ ±10 MHz, @ 30KHz RBW
Noise Figure	≤ 5 dB
Out Band Rejection	5MHz deviated from the edge of the working band ≤-60dBc
EVM	≤ 5dB
Time Delay	≤ 5 μs
Spurious Emission	Meet 3GPP TS 25.143 9.1 Spectrum emission mask
VSWR	≤ 1.5
Port Impedance	50 Ω
Monitoring Functions	Remote Monitor: GSM Modem (Via SMS) Function: (1) Input /Output Power detection;(2) Equipment temperature detection; (3)VSWR detection;(4) DL/UL gain adjustment; (5) Over input/output power alarm; (6) Low output power alarm;
POWER, MECHANICAL & ENVIRONMENTAL	
Weight	≤15 kg
Dimension	428 × 328 × 175mm
RF Connector	N-F
Power Supply	AC110V 60Hz
Power Consumption	≤ 180 W
Temperature	-25~+55℃

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