

# Vehicle Tri Band Signal Repeater



## Technical Specifications

SPECIFICATIONS	PARAMETERS					
Frequency Range	GSM 900	890-915MHz 935-960MHz	DCS/LTE 1800	1710-1785MHz 1805-1880MHz	WCDMA 2100	1920-1980MHz 2110-2170MHz
Gain	50-55dB					
Automatic gain control (Step attenuation)	31dB @ 1dB/ Step					
MGC (Step Attenuation)	25dB @ 1dB/ Step					
Auto Gain Control	20dB Min					
Output Power	2-17dBm <sup>±1</sup>					
Spurious Emission	≤-15dBm/30kHz					
	9kHz~1GHz: ≤-36dBm/30kHz					
	1GHz~12.75GHz: ≤-30dBm/30kHz					
Inter-Modulation Attenuation ACPR	≤-40dBc / 30kHz (measured under rated output power)					
Out of Band Gain	±400KHz ≧ 55dB					
	±600KHz ≧ 50dB					
	±1KHz ≧ 40dB					
	±5KHz ≧ 25dB					
In-band Ripple	≤ 3dB					
VSWR	<=2					
I/O Impedance	50 Ω					
Noise Figure	≤ 5dB					
System Delay	≤ 5μs					
RF Connector(Customers to Choose)	SMA (Female)					
Operating Temperature	- 25°C ~ + 55°C					
Power Supply	AC 110~220V±20%, 50/60Hz, DC5V/2A power adapter					
Dimensions	204*164*44 (mm)					
LCD screen	Smart man-machine conversation					