

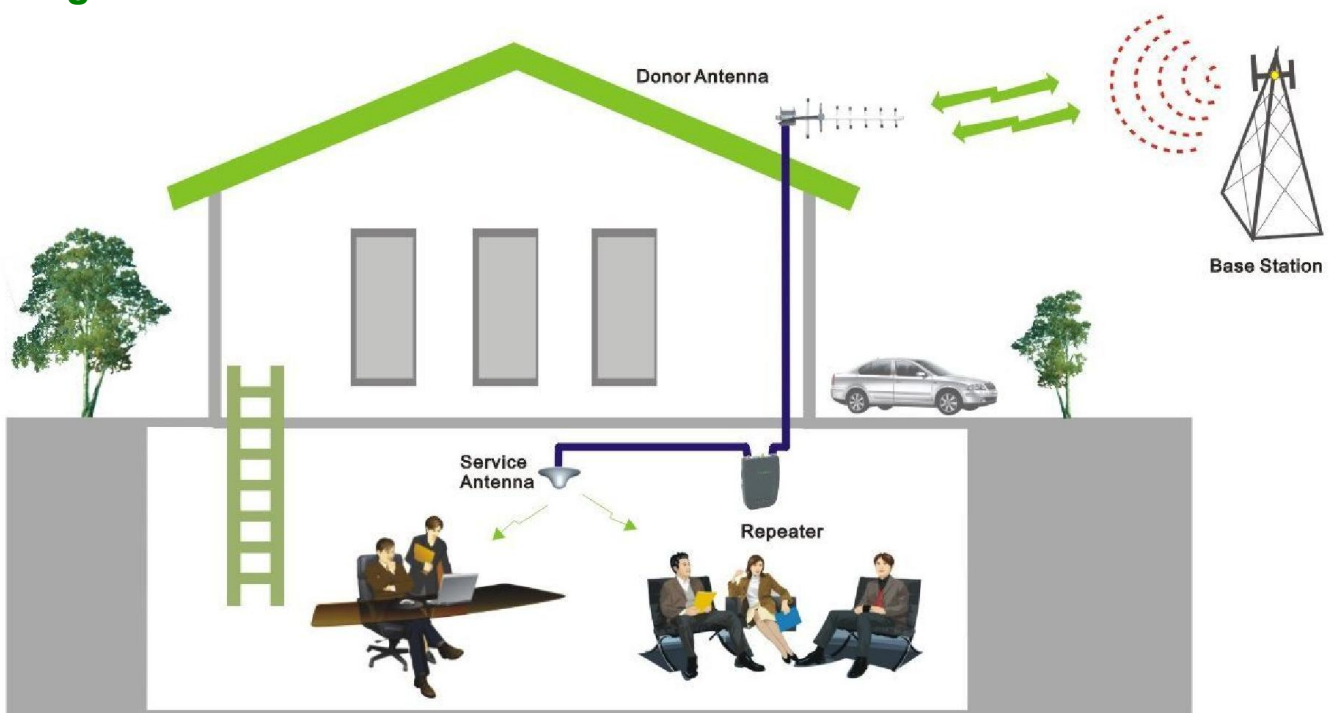


**Model: W10H-WCDMA**

### Feature

- ◆ Mini & Pico designed
- ◆ Provide quick coverage solution for weak & blind signal zones,
- ◆ Reduce drop/off calls, improve communications quality.
- ◆ Compact size, elegant design, easy installation.
- ◆ Low consumption, low interference to BTS, high linear design.
- ◆ Reduce cellphone transmit power and radiation, extend cellphone battery life.
- ◆ LED indicates power and working status.
- ◆ Apply to approximate 200-500 square meters coverage.
- ◆ Size: 183 \* 127 \* 50mm
- ◆ Weight ≤ 1kg
- ◆ SMA-Female Connector

### Diagram



## W10H-WCDMA Specification

Items		Uplink	Downlink
Frequency Range		1950~ 1960 MHz	2140 ~ 2150 MHz
Output Power		10±2dBm	10±2dBm
Gain		60±2dB	60±2dB
Ripple		≤2dB/3.84 MHz	≤2 dB/3.84 MHz
VSWR		≤2	≤2
Max. Input Power Without Damage		-10 dBm	-10 dBm
Out of Band Gain	2.5≤f<3.5MHz	≤60 dB	≤60 dB
	3.5≤f<7.5MHz	≤45 dB	≤45 dB
	7.5≤f<12.5MHz	≤45 dB	≤45 dB
	12.5≤f	≤35 dB	≤35 dB
Intermodulation Products		≤-30 dBm	≤-30 dBm
Spurious Emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
ATT step of 5 dB	5dB	△<1 dB	△<1 dB
	10dB	△<2 dB	△<2 dB
	15dB	△<3 dB	△<3 dB
ALC Active 10dB		△   ≤2 dB	△   ≤2 dB
LED Indication	Power ON	Green	
	Power OFF	No Light	
Alarm	ALC not Active	—	Green
	ALC Active 5~10 dB	—	Orange
	ALC Active 15~20dB	—	Red
Noise Figure @ max. gain		≤6 dB	≤6 dB
Time Delay		≤5 μs	≤5 μs
Power Consumption		≤10 W	
RF Connector		SMA-Female	
Operating Temperature		-10℃ ~ +55℃	