

# Product Similarity Declaration

To Whom It May Concern,

Engineered Communications Direct LLC hereby declare that our **Signal Booster**, Model Number: ECD-33SIR-DB, and ECD-30SIR-DB are electrically identical with the Model ECD-37SIR-DB series that was certified by GTS-CCISL. They named differently just due to different output power levels and gains achieved by adjusting the potentiometers inside, or assembled with different cases. However they have the same design, PCB board and work diagrams. For the cases, we have made 3 options for users; each model could use the cases as per customer's requirements. For example, ECD-33SIR-DB could use the cases with below sizes: 440\*500\*235mm or 440\*500\*187mm.

The ECD-37SIR-DB booster has a factory preset maximum output power of UL 26dBm/ DL 38dBm and maximum gain of UL 85dB/ DL 90dB. However, some users maybe want to use lower power due to different coverage. The 30~33dBm power is used in some smaller place. When the output power is preset at UL 25dBm / DL 30dBm and maximum gain of UL 80dB/ DL 80dB, then the model should be ECD-30SIR-DB; When the output power is preset at UL 25dBm / DL 33dBm and maximum gain of UL 80dB/ DL 85dB, then the model should be ECD-33SIR-DB.

We have summarized the differences in below table for your better understanding:

Item	Model Number	Max. Power UL/DL	Max. Gain UL/DL	Size(mm)
1	ECD-37SIR-DB	26dBm/38dBm	85dB/90dB	440*500*235mm or 440*500*187mm
2	ECD-33SIR-DB	25dBm/33dBm	80dB/85dB	440*500*235mm or 440*500*187mm or 453*358*160mm
3	ECD-30SIR-DB	25dBm/30dBm	80dB/80dB	

Please contact me if there is any question.

Dated this: 2014.09.05

Signature:

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