

Final Parts List  
Senior Design  
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Group 15

Real-time wireless Sensor Network For Security Applications  
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### Electronic Sensor Assembly

<u>Component</u>	<u>Model #</u>	<u>Price</u>
3 Sensors (~\$100 ea.)	-	\$100
<i>Total</i>		<b>\$300</b>

### Transmitter Comblock Assembly

<u>Component</u>	<u>Model #</u>	<u>Price</u>
Network Interface	COM5001	\$295
Arbitrary Wave Generator	COM8001	\$345
D/A Converter	COM2001	\$295
RF Modulator	COM4001	\$395
<b>Total</b>		<b>\$1330</b>

### Receiver Comblock Assembly

<u>Component</u>	<u>Model #</u>	<u>Price</u>
RF Receiver	COM3001	\$345
High Speed DAQ	COM8002	\$345
Network Interface	COM5001	\$295
<b>Total</b>		<b>\$985</b>

### Base Station

<u>Component</u>	<u>Model #</u>	<u>Price</u>
2 Desktop Computers		
(~\$700 ea.)	-	\$700
<i>Total</i>		<b>\$1400</b>

### Miscellaneous Parts

<u>Component</u>	<u>Model #</u>	<u>Price</u>
cables, connectors, etc.	-	\$100
antennas	-	\$150
<i>Total</i>		<b>\$250</b>

### Entire Project Total

<u>Component</u>	<u>Price</u>
Electronic Sensor Assembly	\$300
Transmitter Comblock Assembly	\$1330
Receiver Comblock Assembly	\$985
Base Station	\$1400
Miscellaneous Parts	\$250
<i>Project Total</i>	<b>\$4265</b>