



## Hotel Wi-Fi Coverage Brief

### Overview

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The ValuePoint Networks SuperAP access points provide high power and receiver sensitivity, allowing you to cover an MDU/MTU with less access points, thus lowering your cost per room when compared to a consumer grade access point designed for home use. In order to understand the advantage, we have prepared the following comparison.

### Application

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Here is a comparison of ValuePoint's 530G IA-12 with the highest power consumer model:

Model	530G IA-12	Consumer "RangeBooster"
Transmit Power	4.0 Watts	50 mWatt
Number of rooms-wood construction	25 typical	4 typical
Number of rooms-concrete construction	15 typical	2 typical
300 room property-wood	12 APs	75 APs
300 room property-concrete	20 APs	150 APs
Hardware cost -wood	\$3577	\$8875
Hardware cost -concrete	\$6078	\$17,750
Installation and cabling cost -wood	12 x labor cost	150 x labor cost
Installation and cabling cost -concrete	20 x labor cost	300 x labor cost

As shown, far fewer access points are needed when using the ValuePoint models. This lowers the system cost by a staggering amount.

While the *unit cost* of the consumer grade AP is lower, the *overall cost* of the system is much lower using the ValuePoint gear. The equipment cost is less than half, and the installation cost is significantly lower.

In addition, one must factor in product maintenance costs over the long haul. The ValuePoint equipment has been proven to be highly reliable. Less access points means less maintenance and support.

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