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## Lighting control with WiFi/Bluetooth device scanner

The Lighting controller integrated WiFi/Bluetooth device scanner detects probe request (WiFi) and inquire request (Bluetooth) messages from different WiFi/Bluetooth channels and controls the lighting according to device findings. The controller can count MAC-addresses of different smart devices and put the lights on and off according the total device count. Controller doesn't pair or connect with devices, but only passively listens the radio channels. The smart devices sends probe requests messages which are publicly listenable with any WiFi/Bt-receiver. WiFi/Bt devices typically send probe request messages every few minutes. The controller can use received signal strength indicator (RSSI-value) or device-listing to filter out the unwanted static or faraway devices.

1. Lighting controller can be physically integrated with WiFi/Bt device scanner
2. ...or lighting controller and WiFi/Bt -device scanner can use the radio network to communicate with each other.

Key words: Lighting controller, Probe request, Inquire request, MAC-address, WiFi, Bluetooth

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