

Abstract Details

Title: Wireless Telecommunication Technologies: Li-Fi Vs. Wi-Fi Vs. Wi-Max Vs. Zigbee Vs. Bluetooth

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Abstract: In this paper we will discuss of wireless telecommunication technologies IEEE standards 802 and compare between this technologies in many Feature: light fidelity (Li-Fi) is a wireless optical networking technology that uses light-emitting diodes (LEDs) for data transmission. Worldwide Interoperability for Microwave Access (Wi-Max) is a wireless communications standard designed to provide 30 to 40 megabit-per-second data rates, Wi-Fi is a local area wireless technology, which allows an electronic device to exchange data or connect to the internet using 2.4 GHz UHF and 5 GHz SHF radio waves .Bluetooth is wireless personal area network enables users to connect a wide range of computing and telecommunication devices without any additional or proprietary cables and ZigBee technology.

Keywords: Li-Fi, Wi-Fi, WiMax, Zigbee, Bluetooth.