



LiFiMAX



Optical wireless communications through invisible light

productiveNetwork provides Oledcomm's optical wireless communication solutions for Industry 4.0, Transportation and Education.

We are revolutionizing wireless communications by using invisible light to transmit and receive data with better security and mobility everywhere radio waves are not desired.



HIGH SPEED

Fast and stable connectivity up to 5 Gbps.



ABSOLUTE SECURITY

Light can be contained and secured in a physical space making the signal impossible to intercept outside the diffusion area.



A REDUCED ENERGY FOOTPRINT

Because connexion is only possible inside the light beam, LiFi is less energy-consuming.



INTERFERENCE FREE

Uniform, latency-free coverage even when multiple users are connected simultaneously.



HEALTHY

A radio wave-free data transmission solution.



THE MOBILITY OF WIRELESS

LiFi allows flexibility and mobility by replacing the cables with light.

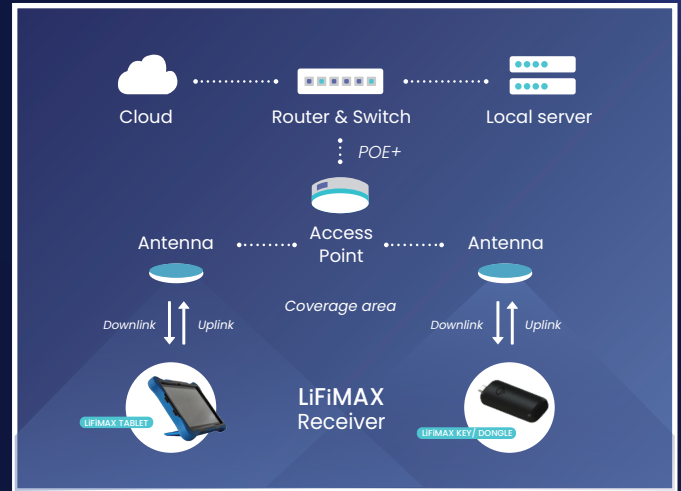
OLEDCOMM'S ACHIEVEMENTS



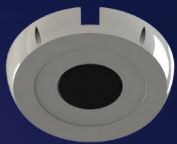
What is LiFi?

LiFi or "Light Fidelity", is a wireless communication system using light. LEDs have the ability to turn on and off several million times per second. Using the invisible spectrum of light, infrared.

How LiFiMAX works?

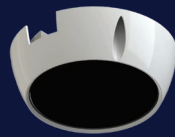


Oledcomm's products



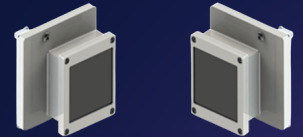
ACCESS POINT

Connected to the network, it's the starting point of the LiFi structure. It transmits the data to the photonic antennas.



PHOTONIC ANTENNA

Sends and receives data at 150Mbps to the receivers over a 70-degree angle.



POINT 2 POINT COMMUNICATION

Allows massive data transmission at multiple Gbps.



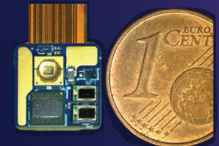
LiFiMAX TABLET

The world's first LiFi and WiFi compatible tablet.



LiFiMAX RECEIVER

Plug and play key/dongle connecting computers and tablets to the LiFi network.



MINIATURIZATION

The first microchip that turns any mobile device into a liFi-powered device.

International companies using LiFiMAX

AIRBUS

THALES

SAFRAN

esa

arianespace
arianegroup

kontron

AIR FRANCE
INDUSTRIES

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