

FAIRBANKS MORSE DEFENSE TECHNOLOGY

Light Antenna ONE

FAIRBANKS MORSE
DEFENSE



Fairbanks Morse Defense, in collaboration with pureLiFi, introduces Light Antenna ONE, the first LiFi optical front end module that is ready for mass production to connect millions through light.

Benefits of LiFi



More Bandwidth Without More Congestion

LiFi does not interfere with RF, which allows LiFi to add bandwidth without complexity and congestion at breakneck speeds.



Military Grade Privacy

LiFi is inherently secure technology already used by defense and government agencies to enable connectivity where WiFi is not available.



Supporting Stronger Connections

LiFi can help boost WiFi networks providing a better connection for devices connected through WiFi.



Secure & Reliable Connectivity

LiFi is able to reduce RF emissions and provide an alternative connection.



Small & Compact Design

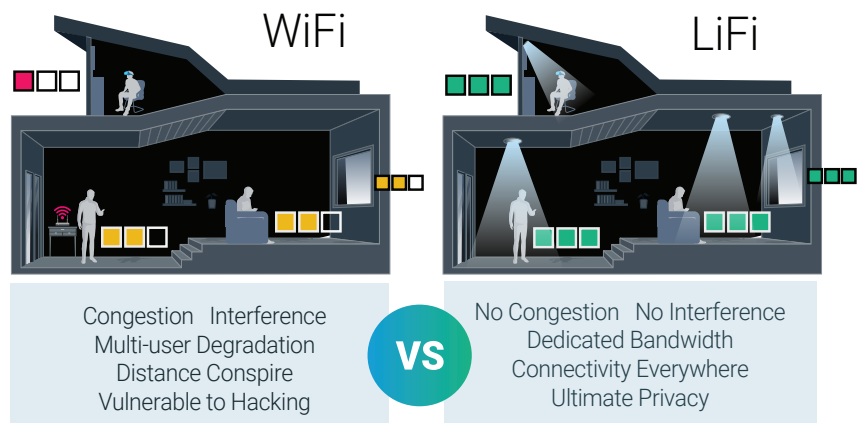


TECHNICAL SPECIFICATIONS

Data Range	1 Gbps+
Range (cm)	20-300
TX Field of View	24 Degrees
Wavelength of Operation (nm)	850 + 10
Baseband	Agnostic
Channels	Single or Multi-channel 300 Mhz max frequency support
Compliance	802.11bb Light Communications

The Most Secure and Efficient Wireless Network

Solving the Challenges faced by WiFi & 5G



STACKING THE DECKS

with best-in-class marine technologies and service solutions.

We deliver an advantage to the U.S. fleet with a growing array of best-in-class marine technologies, OEM parts, technical support, and turnkey services – all from a single, trusted source.

701 White Avenue
Beloit, Wisconsin 53511
800.356.6955

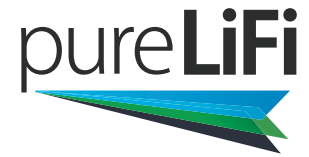
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www.FairbanksMorseDefense.com

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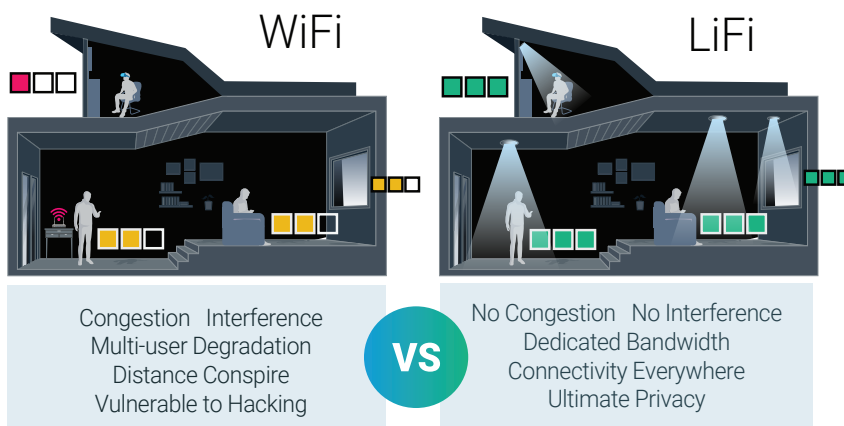
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ADVANTAGES



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