Miliwave Co., Ltd.

Year Established	2016	Type of Business	Manufacturing
Website	www.miliwave.net	Main Export Countries	USA, Russia, ASEAN
Domestic Customers	Hyundai, LG, Korindo Government (EX, Korail)	International Customers	Medtronic, Starry, Korindo

The Person In Charge

Name	Yungha Han	Position	CEO
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Company Description

Miliwave delivers next-generation wireless communication and Physical AI solutions using advanced 60GHz mmWave RF modules. Our Wireless Bridge provides ultra-fast, low-latency connectivity for smart factories, smart cities, Fixed Wireless Access (FWA) backhaul, and real-time physical AI video analytics, enabling human-robot communication via VR and secure robot-to-robot integrated wireless links.

Product

mmWave Wireless Bridge

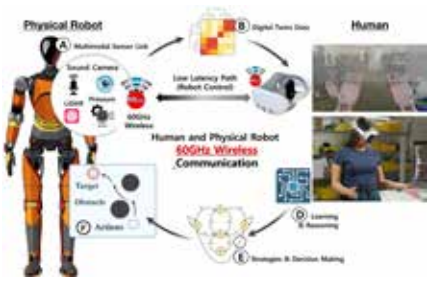
The end-to-end IoT mmWave Wireless Bridge operates in the 60GHz band, integrating two wireless communication modules and an Ethernet power supply. It provides a wireless backhaul that enables high-speed, gigabit-level, large-capacity data connections without requiring a license, supporting seamless industrial IoT and advanced connectivity applications.

Application

Physica Ai Robot Wireless Link

Function and Usage

Ultrasonic short-message links provide reliable, low-bandwidth signaling for robot coordination, while 60GHz ultra-fast wireless ensures high-capacity, low-latency data transfer. Together they enable real-time physical AI video analytics, supporting Physical AI robot collaboration, secure communication, industrial automation, and intelligent service environments with advanced interactive capabilities.



Marketing and Selling points

Enabling physical AI robot-to-robot communication with 60GHz ultra-fast M2M wireless and ultrasonic short message links, delivering secure, high capacity, low-latency data for real-time Physical AI video analytics.
This breakthrough also supports human-robot dialogue via integrated wireless and voice communication, enhancing collaborative operations and intelligent service environments with reliable connectivity and advanced interactive capabilities