Booth No. 7C51-4

TJINNOVATION

Year Established	2006	Type of Business	Manufacturing
Website	http://www.tj-innovation.com/	Main Export Countries	Japan
SNS	https://www.youtube.com/@tjinnovation5317		
Main Customer	International Customers Main Telecom Operators in Japan & North America / SystemIntegrators in North America		
The Person In Charge	Name	Department	Position
	Sandra Han	Overseas Business Operations	Vice President
	Phone	Mobile	E-mail
	+81-08040702432	+81-08040702432	sandrah@tj-innovation.com

Company Description

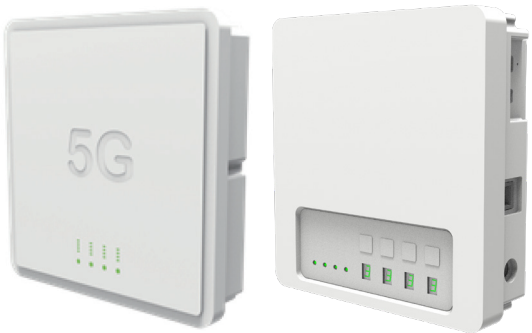
TJ Innovation, established in 2006, excels in DAS/Repeater systems and digital communication technologies like ICS, O-RAN, Sub-6GHz, and mmWave. They integrate advanced Beamforming and MIMO technologies, focusing on innovation to lead in the post-5G era.

Product

OTA MIMO repeater with active DAS system

Function and Usage :

The OTA DAS, is utilized for expanding LTE/5G(NR) coverage from small to medium-scale venues. This flexible device features a MIMO repeater setup including DAU, SAU, MU, and up to 16 RUs, ensuring expansive indoor coverage. Its SAU is equipped with an Interference Cancellation System (ICS) to prevent feedback interference when donor and service antennas are near. The DAU incorporates a built-in modem for T-sync synchronization and PLMN information extraction, ensuring TDD compatibility



Marketing and Selling Points :

Flexible FDD/ TDD multi-band solution
Equipped with advanced 32T32R and 8T8R antennas for effective beamforming
Simple feature & installation, Automative setup.
Improves network reliability with advanced monitoring and control systems.

5G ICS Repeater

Function and Usage :

ICS repeater optimizing 5G Coverage in Homes or Offices.
Stand-alone solution to extend the coverage with an external antenna.(Play & Plug.)
ICS Level Control; Optimizing the performance of the ICS system.
Automatic configuration by FPGA-TDD Sync.
Auto Configuration and Operation.

Marketing and Selling Points :

Compact design - Low power consumption (less than 25W).
PLNM Search - Automatically identifies the public land mobile network (PLNM)
SINR, RSRP and RSRQ monitoring - maintain stable network performance.
PCI monitoring and section - monitoring three independent Physical cell identities (PICs) and selecting the most optimal PCI.