

**NEWS RELEASE****Yokowo Private 5G antenna and Moxa's industrial 5G gateway  
Obtain the Technical Conformity Mark by combining products**

~Contributing to DX at industrial sites through outdoor communication environments stabilization~



Private 5G MIMO antenna  
(Model name: YOZ-52714)



4G/5G/MIMO Antennas  
(Model name: YOZ-52544)

Yokowo Co., Ltd. is pleased to announce that it has combined its YOZ-52714 and YOZ-52544 5G antennas with the Moxa CCG-1520-T, industrial private 5G cellular gateway to meet Japan's Technical Standards (commonly known as the Technical Conformity Mark).

Moxa Japan G.K., headquartered in Taiwan, is a supplier and distributor of industrial communication and networking equipment.

Yokowo and Moxa began discussions on a collaboration in early 2024, and obtained technical qualification in June of the same year. By acquiring Japan's Technical Conformity Mark through the combination of the products of both companies, Yokowo and Moxa believe they will be able to create flexible networks for various industries including manufacturing, logistics, agriculture, ports, and construction sites, in both indoors or outdoors environments to improve operational efficiencies and creating new value.

Moxa's industrial private 5G cellular gateway "CCG-1520-T", has been confirmed to be practical through a Private 5G demonstration experiment promoted by the Ministry of Internal Affairs and Communications. It is expected to contribute to the growth of the private 5G market by proceeding from small-scale PoC to large scale commercialization.

Private 5G is expected to be used for DX in various societies as it provides stable high-speed, large-capacity, low-latency communications based on radio station licenses, flexibility to set the required performance according to the application, and strong security through SIM card authentication.

Since it can transmit high-definition video in real time, it can be used for remote monitoring of autonomous vehicles and remote control of construction machinery and heavy machinery, thereby solving labor shortages and improving productivity. It can also provide a foundation that supports next-generation applications such as smart cities, disaster prevention infrastructure, and autonomous driving. It is expected to contribute to the further efficiency and sustainability of Japan's industry.

Yokowo and Moxa aim to contribute to the realization of a convenient and affluent society using 5G through the provision of a private 5G environment.

item	specification	
Product Name	Private 5G (Sub6) MIMO Antenna	
Model Name	YOZ-52714	
Product Size	L62 x W43 x H32mm (excluding mounting part) L84 x W43 x H32mm (including mounting part)	
Supported Frequencies	1880~6000MHz	
Supported Bands	4G/LTE	1, 7, 22, 23, 30, 33, 34, 36, 37, 38, 39, 40, 41, 42, 43, 48, 49, 52, 53, 65, 69
	5G	n1, n7, n30, n34, n38, n39, n40, n41, n48, n53, n65, n77, n78, n79, n84, n90, n95, n97, n98, n101
Number of Ports	2	
connector	SMA-Male × 2 (Non-Waterproof)	
Cable Length	1500mm each	
Mounting method	Fixing with screws or double-sided tape	
Weight	Approx. 85g (including cable weight)	
Ingress Protection Rating	IP67	

item	specification	
Product Name	4G/5G/MIMO Antennas	
Model Name	YOZ-52544	
Product Size	H136 × W126.6 × D67.1mm (including bracket)	
Supported frequencies	617~5000MHz	
Supported Bands	4G	1, 2, 3, 4, 5, 7, 8, 9, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 35, 38, 39, 40, 41, 42, 43, 71
	5G	n77, n78, n79
Connector	SMA-Male × 2	
Cable Length	4,000mm each	
Mounting method	double-sided adhesive tape / magnet / screw	
Weight	Approx. 310g	
Ingress Protection Rating	IP66/IP67	

Note: The information contained in this news release is current as of the date of publication. It is subject to change without notice. Thank you for your understanding.

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