What is MIMO?

MIMO is an advanced wireless communication technology

MIMO (Multiple-Input Multiple-Output) is an advanced wireless communication technology that uses multiple antennas at the transmitter and receiver ends to send and receive signals simultaneously.

This technique can significantly increase the capacity and spectrum utilisation of a communication system without increasing the bandwidth, as well as increasing the reliability and rate of data transmission.

MIMO transmits data through separate channels between these antennas, thus increasing the total throughput of the system.

This technology is a core component of modern wireless communication networks, such as 5G and WiFi-6, which significantly improves the quality of communication through means such as spatial multiplexing and diversity.

C&T RF Antennas Inc. provides 1x1 puck antennas, 2x2 MIMO antennas;3x3 MIMO antennas; 4x4 MIMO antennas; and other multi-in1 combo antennas. Contact C&T teams for more details.

4x4 MIMO Antenna 5G NR External Antenna

Omni Ultra-wideband 3G/4G/5G 4x4 MIMO Antenna

4G 4G WiFi GPS 4x4 MIMO Omnidirectional Antenna

4x4 MIMO External Antenna for WiFi 4G LTE GPS

Low-profile 2x2 MIMO 5G Antenna New Radio

Omni Outdoor 3x3 MIMO 5G Antenna

MIMO Antenna 4G 3x3 External Cellular Antenna

2x2 MIMO Antenna for LTE 5G/GPS 3in1 Combo Antenna

External Antenna MIMO 2x2 4G/5G Dome Antenna

Low-profile 4G/5G Puck Antenna

3x3 MIMO 5G LTE GPS Combo Antenna

4G 4G GPS 3x3 MIMO Vehicle Antenna

4x4 MIMO 5G 4G GPS/Cellular/WiFi Multi-Band Antenna

Low-profile 5G 5G GPS 3x3 MIMO Antenna

Low-profile 3x3 5G 4G LTE WiFi MIMO Antenna

Low-profile 4G + 5G + WiFi + GPS 4x4 MIMO Antenna