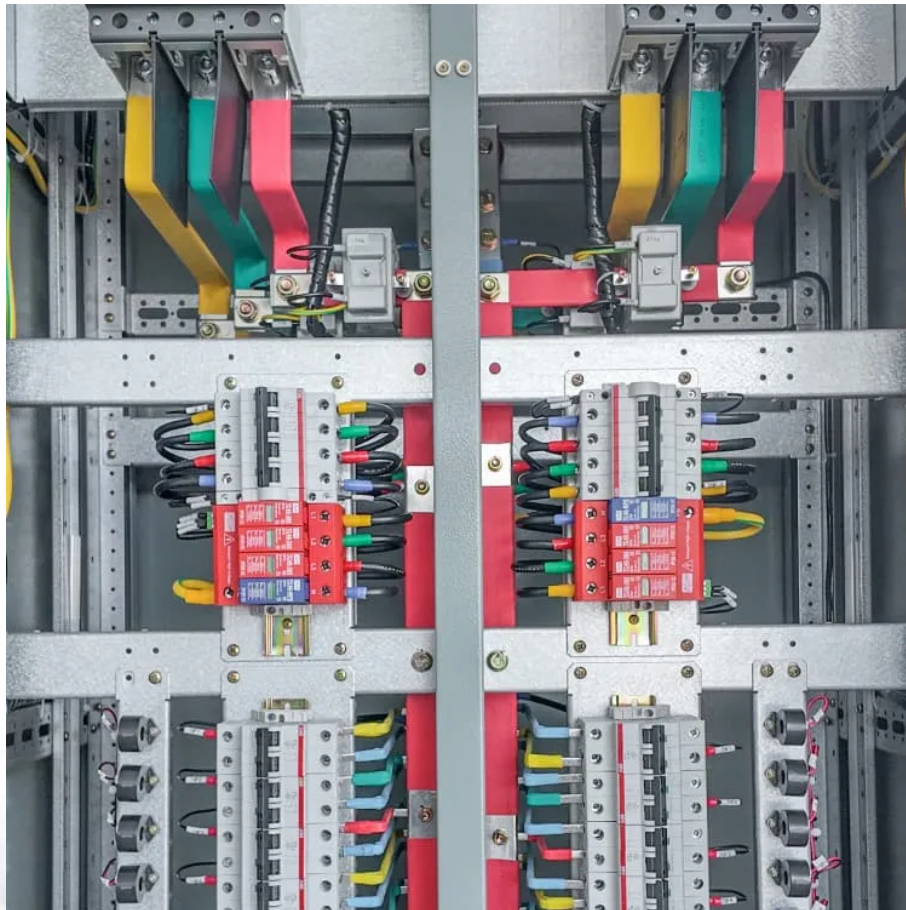


How to check the surrounding 5G base stations in China Communications





Overview

How many 5G base stations are there in China?

BEIJING -- The number of 5G base stations in China now exceeds 4.1 million, data from the Ministry of Industry and Information Technology showed Friday. Currently, 5G technologies have been applied in 80 major sectors of the national economy, and the 5G network is covering more rural areas, according to the ministry.

What is the range of a 5G base station?

5G base stations use millimeter waves that are extremely limited in range. Each 5G base station has a range of between 800–1000 feet, or 0.15–0.19 miles. It makes up for its limited range by surpassing 4G in other key areas: data transfer speeds (bandwidth), latency, and capacity.

Will 5G improve public services?

Official numbers for the US suggest that the US built 100,000 base stations between the years 2019 and 2021 and while Americans are looking at 5G to stream videos better and play games on their increasingly powerful smartphones, China is looking to deploy the technology for improved delivery of public services.

How many 5G base stations would a cell phone tower support?

Hundreds of 5G base stations will need to be installed to cover the area of a single cell phone tower. Even if just 100 base stations were required, 5G's would support at least 25,000 devices to 4G's 100. 5G smartphones are being released all the time.

Where is 5G used in China?

The official also said that 5G coverage reached 97% of counties and 40% of rural towns across the country. Xie said 5G has already been used in 22 industries, including industrial manufacturing, mining, ports, medical care,



education and entertainment.

Will China lead the way in 5G technology development?

Among all the countries in the world, China was forecasted to lead the way in terms of the number of 5G connections throughout the next five years, where the market revenue will skyrocket from 0.6 trillion yuan to over six trillion yuan in this decade. Find the most up-to-date statistics and facts about the 5G technology development in China.



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[China has more than 3.8 million 5G base stations](#)

There were more than 3.8 million 5G base stations in China by the end of May 2024, the latest data from the Ministry of Industry and Information Technology (MIIT) has shown.

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[Tech Breakdown: What has China achieved in 5G ...](#)

A white paper released by the China Center for Information Industry Development predicts that by 2030, the number of 5G base stations ...

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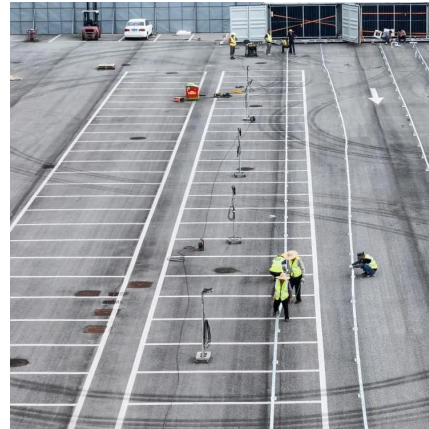
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broadband users surpassing 200 million, official data showed Tuesday. More than ...

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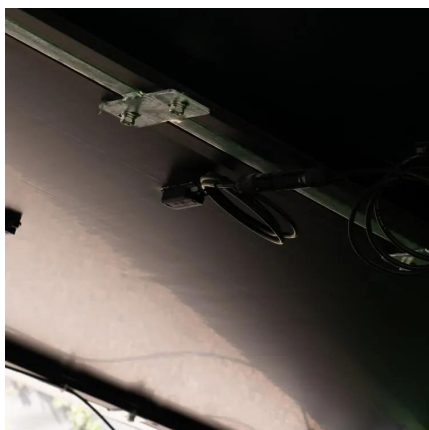
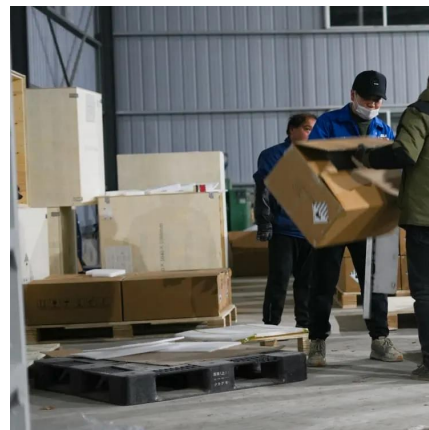
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China 5G rush - 4.5m 5G base stations, 300 5G-A cities, 75% 5G ...

Mobile operators in China are ramping up 5G and 5G-A rollouts, with the former now at 4.5 million cell sites and the latter in 300 cities.

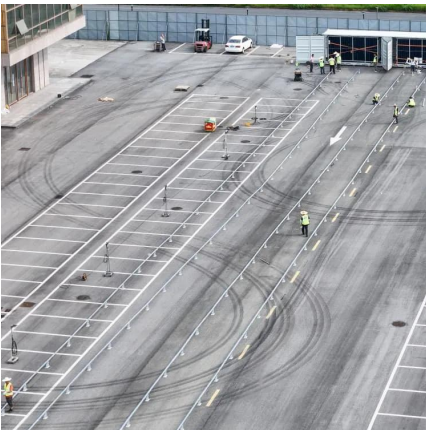
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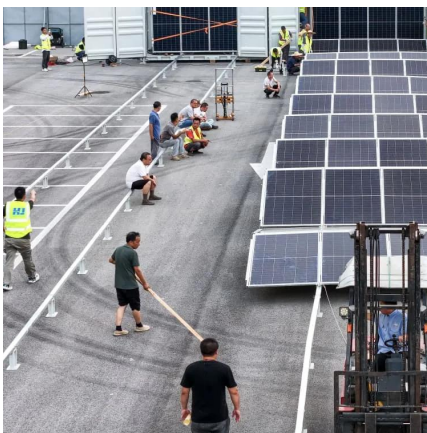
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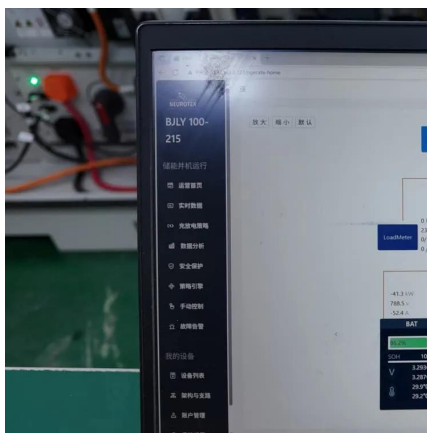
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China home to over 3.5M 5G base stations

The number of 5G base stations in China had risen to more than 3.5 million by the end of February 2024, latest data from the Ministry of Industry and Information Technology ...

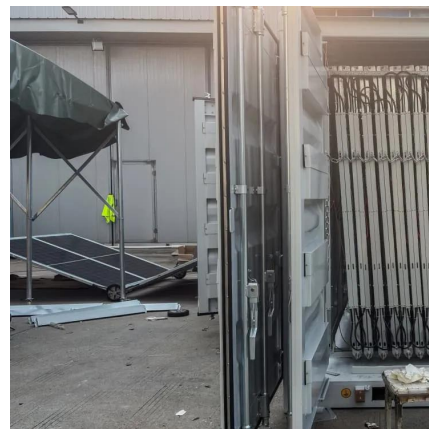
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