

# **5g mobile communication emergency base station**





## Overview

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What is 5G & how does it work?

The customized 5G lightweight core network can quickly build an emergency communication system at the communication site to cover the entire disaster area, thereby ensuring on-site communication scheduling and helping the affected people communicate with the outside world.

Why do we need a 5G emergency medical management model?

The need for emergency medicine also demonstrates a trend of sustained growth. A three-dimensional and efficiently connected emergency medical management model using fifth generation mobile communication technology (5G) was established to improve the efficiency and level of management in emergency medicine.

Can a UAV carry a 5G portable base station?

Emergency communication is difficult to be arranged and resume quickly, which severely hinders disaster rescue operations. Based on the above disaster scenarios, we used UAV to carry 5G portable base station devices and construct a temporary 5G high-altitude emergency base station.

Should 5G be used in emergency communications?

Provided by the Springer Nature SharedIt content-sharing initiative Policies and ethics 5G has significant advantages in emergency communications. If it is directly deployed in the disaster area, there are still some disadvantages such as large data traffic and long service delays.



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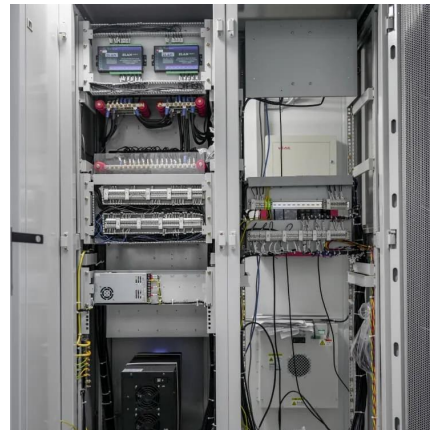


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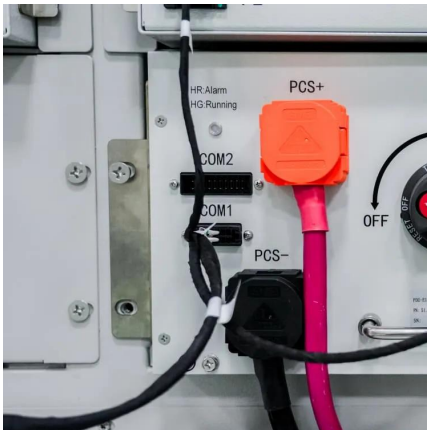
### [An Independent UAV-Based Mobile Base Station](#)

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### Construction of a 5G-based, three-dimensional, and ...

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