

1. Wi-Fi Signal Strength Ranges

The typical Wi-Fi signal strength range is categorized as follows:

- **Extremely Strong Signal:** -30 dBm to -40 dBm
Device is very close to the access point, ideal for all types of network activities.
- **Strong Signal:** -41 dBm to -60 dBm
Very good connection quality, suitable for most network scenarios.
- **Moderate Signal:** -61 dBm to -70 dBm
Good connection quality, sufficient for general network activities.
- **Weak Signal:** -71 dBm to -80 dBm
Connection quality may be inconsistent; suited only for basic network use.
- **Poor Signal:** -81 dBm to -90 dBm
Typically results in an unstable connection.
- **Very Weak Signal:** -91 dBm and below
Unable to maintain a stable connection

Note:

Signal strength between -60 dBm and -40 dBm is generally considered optimal. If the signal strength falls below -70 dBm, steps may be needed to improve the connection quality.



Device Info	
Device ID	130065674000004d
Device Model	Single-Band-Wireless-Camera
Add Time	2025-01-02 12:45
Cloud ID	Sfa1lvYXB3ULLW
Connect	Wi-Fi
Wi-Fi Name	wlinkmarketing_2.4
Wi-Fi Strength	-31
IP Address	192.168.1.101
MAC Address	3C:7A:AA:FC:F1:E9