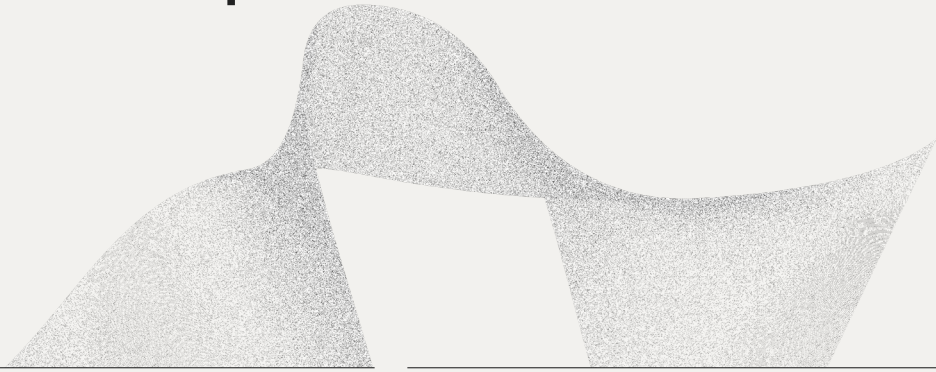


Kisi network requirements



Kisi® Reader Pro

PoE and/or WiFi (2.4Ghz or 5Ghz) For redundancy the WiFi can be provided by 4G router as backup It supports 10Mbps and 100Mbps operation.

[Documentation](#)

Kisi® Controller Pro

Ethernet and/or WiFi (2.4Ghz or 5Ghz) For redundancy the WiFi can be provided by 4G router as backup It supports 10Mbps and 100Mbps operation.

[Documentation](#)

Firewall settings

The Kisi Controller Pro only makes outbound connections, so you have to configure the TCP ports if you have a firewall that prevents outbound connections.

[Documentation](#)

Port TCP UDP Usage

31314	■		Initial device-server connection
993	■		Fallback device-server connection
443	■		Fetch device firmware
80	■		Fallback fetch device firmware
53		■	Allow DNS lookups

Enterprise WiFi

Kisi Controller Pro 1.1 does not currently support enterprise-level wifi authentication, 802.1x, which requires that you log in with a username and password as well as the customary SSID. You will not be able to connect your Kisi to such a network unless this is downgraded to a 802.11n wifi operating in the 5GHz band. It is also compatible with 802.11a, 802.11b, and 802.11g networks as well.

IP and MAC

Kisi devices work with IP addresses assigned by DHCP. As an alternative DHCP can assign a fixed IP based on MAC

Captive WiFi / Hosted WiFi

The wifi chip does not support networks which require a user to enter login details before network access is granted. This is most commonly encountered with public hotspots and some guest networks in office environments (rarely for home-based wifi networks).

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