



» Network Prequalification - For IT Professionals

1. All [m]Powers must be hooked up to a network—wired or wireless—either permanently, or, at minimum, daily during the entire *Data Window* (11 p.m. to 7 a.m. local time). During that period, your [m]Powers download new content and activities via the Internet and communicate with each other over the local network.
2. Your local network needs a DHCP server to provide IP addresses to the mPowers. Dakim is planning an update that will provide the ability to set static IP addresses through a touch screen interface.
3. Wireless: The [m]Power currently supports only WPA/WPA2 with a pre-shared key. If you require a different mechanism, please contact Dakim support.
4. A group of [m]Powers in a community that share information about users is called a pod. During the Dakim Data Window, the [m]Powers in a pod exchange that day’s user session history with each other. As a result of this periodic data exchange, a user can sit down at any [m]Power in their assigned pod and pick up where they left off the previous day. By design users registered in one pod cannot log onto [m]Powers in a different pod. A community can choose to have only one pod or multiple pods, depending on network topology and resident travel patterns. Please see the recommendations for configuring pods in the [m]PowerADMIN manual for the reasons you might set things up one way versus another.

All [m]Powers in a pod must be able to communicate with each other over the local network, and must be on the same physical subnet. [m]Powers initiate communication with each other via broadcast UDP, so any device (such as a wireless access point, router, network bridge, or firewall) between the different [m]Powers in a pod must be configured to allow UDP broadcasts.

5. Each [m]Power must be able to communicate with Dakim’s servers over the Internet during the Dakim Data Window. Currently, we estimate the download size to be 200 megabytes per night. To minimize the Internet bandwidth needed at your facility, one [m]Power will download the content update and distribute it to the other [m]Powers over the local network. Your Internet connection must be broadband, with a minimum download speed of 768k bits per second.
6. The following ports will need to be open for outbound connections (Table 1):

Open Ports for [m]Power Device	Open Ports for [m]PowerADMIN
TCP Port 22	TCP Port 1099
TCP Port 25	
TCP & UDP Port 123	
TCP Port 80	TCP Port 8081
TCP Port 873	
TCP Port 7089	

Table 1 - These ports must be open for the [m]Power to connect to the Internet and to allow access for the [m]PowerADMIN application

Support, Support, Support

If you require additional help, please contact Dakim via any of the following

Customer Service: (800) 970-5067 | Technical Support: (800) 853-7289 | email: support@dakim.com

Web Site: www.dakim.com/support.html