



TCP Control Protocol for iBoot

iBoot Protocol

This protocol applies to iBoot versions 1.3 and above.

The iBoot uses the TCP (Transport Communication Protocol) to communicate with the client system. To communicate with iBoot, establish a TCP connection using the Port as assigned in iBoot Setup. Once connected use the Send() function to send the commands to the iBoot and the Recv() function to receive the response. After sending a response iBoot will close the connection. The following outlines the commands and their responses.

Command Format

All of iBoot's commands follow the following format:

<esc><password><esc><action><cr>

<esc> ASCII Escape character. 001b hex or 27 decimal

<password> The 1 to 10 character Power Control (not Setup Password). The default password is PASS. The password is case sensitive.

<action> The following actions are valid for iBoot. These actions are case sensitive:

n Turn Power ON

f Turn Power OFF

c Cycle Power. Cycle time is determined by Setup

q Query.

<cr> ASCII Carriage Return character. 000d hex or 13 decimal (/r)

Response Format

iBoot will return the following command with one of the following

ON	Power is ON
OFF	Power is OFF
CYCLE	Cycle Command Received
BUSY	iBoot is being controlled on another socket.

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