Odyssey-2 Bootloader Protocol V2.1

Command Format:

FW Loader Commands
The command's length is always 32 bytes

MAC address request, to device
'MAC' + 29 binary zeroes

Reply, from device:
'MAC' + 23 binary zeroes + 6 bytes of MAC address

Device fixes destination MAC, IP, Port for next answers

Write IP command, to device
'WIP' + 25 binary zeroes + 4 bytes of IP address

Reply, from device:
The same, after finishing

Erase 32 sectors starting this address of page, to device
'ERS' + 29 binary zeroes

Reply, from device:
The same, after finishing.

Data 256 bytes of page for writing starting this address of page
Command 32 bytes with data 256 bytes
'WPD' + 29 binary zeroes + 256 bytes of data

Reply from device, after finishing:
The same, after finishing.

Reset device
'RES' + 29 binary zeroes

Reply form device – NO