HTTP COMMAND SET

This document describes the command sets used on the PIC18F97J60 ETHERNET RELAY and ETHERNET GPIO Modules.

SI. NO.	COMMAND	DESCRIPTION
01.	ver.cgi	This command provides the current firmware version.
02.	idread.cgi	This command provides the Device ID.
03.	id.cgi?devid=xxxxxxxx	This command enables user to enter a new Device ID.
04.	usrread.cgi	This command provides the username.
05.	passread.cgi	This command provides the password.
06.	settings.cgi?cred=usr<space>pass	This command enables user to set a new Device Username and Password.
07.	ipread.cgi	This command provides current IP address of the device.
08.	macread.cgi	This command provides Device MAC address.
09.	hostread.cgi	This command provides Device Host name.
10.	[3]relays.cgi?relayon=x	This command Turns on relay 'x', x varies from 0 – 31 depending on the board configuration.
11.	[3]relays.cgi?relayoff=x	This command Turns off relay 'x', x varies from 0 – 31 depending on the board configuration.
12.	[3]relayread.cgi?relay=x	This command reads the state of relay 'x', x varies from 0 – 31 depending on the board configuration.
13.	[3]relaywriteall.cgi?relaywriteall=xxxxxxxx	This command set/clear multiple relay states. Note: 'x' is a hex value.
14.	[3]relayreadall.cgi	This command reads state of all relays on board.
15.	[1]gpios.cgi?gpioset=x	This command sets gpio x.

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16.	(1)gpios.cgi?gpioclear=x	This command clears gpio x.
17.	gpioread.cgi?gpio=x	This command reads gpio x.
18.	gpiowriteall.cgi?gpiowriteall=xxxxxxxx	This command set/clear multiple gpios. Note: 'x' is a hex value, depends on number of gpio configuration.
19.	(5)gpioreadall.cgi	This command reads status of all gpio.
20.	(2)(6)iomask.cgi?iomask=xxxxxxxx	This command masks the GPIOs. Note: 'x' is hex value. 0 – mask & 1 – unmask
21.	(2)(6)iodir.cgi?iodir=xxxxxxxx	This command sets the Input/output direction. Note: 'x' is hex value. 0 – Output & 1 – Input.
22.	(1)(4)adcread.cgi?adc=x	This command reads adc value at pin x.
23.	(3)reset.cgi	This command resets all the relays to off state.
24.	modulereboot.cgi	This command reboots the module tox configuration mode.
25.	Info.cgi	This command provides the info data of the module.
26.	modulename.cgi	This command provides the module name.

Note:

1. "gpioset, gpioclear and adcread" commands are not Present on PoE Relay & PoE GPI modules.
2. "iodir and iomask" are not Present on ETH Relay, PoE Relay and PoE GPI/GPO modules.
3. "relayon, relayoff, relayreadall, relaywriteall, reset" commands are only present on Relay modules.
4. "adcread" commands are not present on PoE GPIO modules.
5. "gpiowriteall,gpioreadall" command are present only on ETH GPIO and PoE GPIO modules
6. "iomask & iodir" commands are present only on ETH GPIO modules.
7. Prefix IP Address before all commands. Eg: 192.168.1.1/ver.cgi.

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