

WACI NUGGET RELAY - Quick Start Guide

Rev 20110211



The WACI Nugget Relay is a fully functional stand-alone IP-to-Relay remote access controller with internal web server. In addition, it functions as a remote expansion port for the WACI series of IP-based control systems. Featuring two C-Type relay ports, a POE capable LAN port, and a MicroSD card slot, the WACI Nugget Relay is the ideal solution for providing LAN based control for Relay controlled devices.



PACKAGE CONTENTS

- WACI Nugget Relay
- 12V / 14.4W DC power supply

To restore unit to default settings:

- Power-up Nugget
- Press-n-hold reset button for >= 5 seconds.
- IP Address now static at 192.168.1.10 / 255.255.255.0

WEB INTERFACE

To Connect to WACI NUGGET Web Page:

1. Apply Power
2. Connect LAN
3. Open Web Browser
4. Enter IP address of NUGGET in address bar (default = 192.168.1.10)
5. Login as follows:
 - *User* - admin
 - *Password* – admin

BEFORE YOU START:

- MicroSD card (not included) required for webpage storage and FTP functions (Boot up with card installed)
- You must use Filezilla or similar client to load files (YIPI does not currently support this for Nuggets)
- Web pages are accessed using required reference to html file: `http://<IP>/<Folder>/index.html`

WACI NUGGET WEB INTERFACE MENU:

General Settings: System Info and set Password

Network Settings: Set IP Static / DHCP / Host Name

SPECIFICATIONS

General	
Processor	32 bit ARM Processor
LAN	10/100 Ethernet with Auto-MDX
Power over Ethernet	Yes
External Power	12v DC aux supply capable
Storage	MicroSD up to 4GB expansion for web pages to be served up and firmware upgrades
Status	Status LED
Setup	Built-in setup web pages
Control Ports	(2) C-Type Relays 24v 2A
Dimensions (WxDxH)	3.37 x 2.81 x 1 inches



The screenshot displays the WACI Nugget web interface. At the top, there is a navigation bar with the WACI Nugget Relay logo on the left and the Aurora Multimedia logo on the right. The navigation bar contains three menu items: GENERAL SETTINGS (highlighted with a mouse cursor), NETWORK SETTINGS, and PORT SETTINGS. Below the navigation bar, the main heading reads "WACI Nugget Current Settings". The interface is divided into several sections:

- Status:** Hostname: **WACINUGGET1**
Serial Number: **09041003**
Firmware Revision: **01.12**
IP Address: **192.168.1.104**
MAC Address: **00-11-02-60-2a-fb**
- Change Password:** Two input fields for "Enter new password" and "Verify new password", followed by a "Change Password" button.
- Reset Factory Defaults:** A "Restore Defaults" button.
- Firmware Update Mode:** A "Force Update" button.
- Restart WACI Nugget:** A "Reboot" button.



Current Network Settings: Hostname: **WACINUGGET1**
 Serial Number: **09041003**
 Firmware Revision: **01.12**

IP Address: **192.168.1.104**
 MAC Address: **00-11-02-60-2a-fb**

Network Configuration: DHCP
 ON
 OFF

192	. 168	. 1	. 104	Static IP Address
255	. 255	. 255	. 0	Subnet Mask
192	. 168	. 1	. 1	Gateway

Hostname


by 

GENERAL SETTINGS
NETWORK SETTINGS
PORT SETTINGS

WACI Nugget Port Setup

Relay 1: Off On Current Setting
 Off On Power On Setting

Relay 2: Off On Current Setting
 Off On Power On Setting