

# Network Flyer Cheat Sheet

## Updating Firmware

Get list of updates	Load"\$^",7
Get verbose list of updates	Load"\$^:*,v",7
Download latest firmware	Load"^:*",7
Download specific firmware	Load"^:1.1.7",7

## Program Access

Load program	Load"program",7
Save program	Save"program",7
Save OVER program	Save"@:program",7

## Listing Programs and Disks

List ALL programs and disks	Load"\$",7
Wildcard List	Load"\$;PET*",7

## Configuration

```
Open 7,7,15
Print #7,"config:setting=value"
Input #7, a,b$,c,d
Close 7
```

## Network Configuration Settings

Setting	Description	Example
IP	IP Address	Print #7,"config:ip=192.168.1.10"
SUBNETMASK	Subnet Mask	Print #7,"config:su=255.255.255.0"
GATEWAY	Gateway Addr	Print #7,"config:ga=192.168.1.1"
DNS	DNS Server	Print #7,"config:dn=8.8.8.8"
FIRMWARESERVER	Firmware Server * URL Encoded	Print #7,"config:fi=retroswitch%2ecom"
DHCP	DHCP Enable/Disable * 0/1—disable/enable	Print #7,"config:dh=1"

## Alias Configuration Settings

Setting	Description	Example
A0—A3	Alias Values *URL Encoded	Print #7,"config:a0=http%3aserver%2ecom%2f"
CLDNAM0-CLDNAM3	Cloud Server 0-3 Name *URL Encoded	Print#7,"config:cldnam0=CommOnln"
CLDSRV0-CLDSRV3	Cloud Server 0-3 Addr * URL Encoded	Print#7,"config:cldsrv0=retroswitch%2ecom"
CLDUSR0-CLDSRV3	Cloud Server 0-3 Username * URL Encoded	Print#7,"config:cldusr0=bobo"
CLDPWD0-CLDPWD3	Cloud Server 0-3 Password * URL Encoded	Print#7,"config:cldpwd0=bananas"

## Using an Alias

Before Alias	Load"http:myserver.com/programs/somefile.prg",7
Configure Alias	Open 7,7,15 Print#7,"config;a2=http%3amysrver%2ecom%2fprograms%2f" Close 7
After Alias Configured	Load"a2:somefile.prg",7

## Misc. Commands

Directory of built-in software	Load"\$1",10
Load built-in Config Program	Load"1:config",10

## Disk Management

Flyer Cached Disk Images	Load"\$\$",7 list
Adding a disk	Open7,7,15 Print#7,"disk-add:d64,disk label" Close 7
Relabel a disk	Open7,7,15 Print#7,"disk-relabel:INDEX=new name" Close 7
Remove a disk	Open7,7,15 Print#7,"disk-scratch:INDEX" Close 7
Remove ALL disks	Open7,7,15 Print#7,"disk-wipe:" close7
INDEX	Index is the index of the disk to perform the operation on. Indices are displayed to the left when listing the directory.

## Disk Access

Upload disk from flyer to server	save"disk;PET Games",7
Upload disk from flyer to server OVERWRITING existing disk	Save"@disk:PET Games",7
Download disk from server to flyer	Load"disk:PET Games",7

## Sample program / server code

```
10 open7,7,15
20 open2,7,2,"http:somesite.com/httpstest.php"
30 print#7,"http-post:2,username=slappy"
40 print#7,"http-post:2,password=dagnabbit"
50 print#2,"This is some generic data."
60 print#2,"This is some more generic data."
70 print#7,"http-transact:2"
80 input#2,a$
90 close2:close7
100 print "Response: ",a$

<?php
require_once 'Retroswitch.inc.php';
$username = isset( $_POST['username'] ) ?
Retroswitch::PecsciiToAscii( $_POST['username'] ) : "";
$password = isset( $_POST['password'] ) ?
Retroswitch::PecsciiToAscii( $_POST['password'] ) : "";
if( strcmp( $username, "slappy" ) || strcmp( $password, "dagnabbit" ) )
{
    echo Retroswitch::AsciiToPecscii( "Not Authorized" );
    exit;
}
if( isset( $_FILES['data'] ) )
{
    $data = file_get_contents( $_FILES['data']['tmp_name'] );
    // Strip delimiters from our data (replace with spaces) so we can
    // return it in one chunk for testing...
    $data = str_replace( array( " ", "\n", "\r" ), " ", $data );
    echo $data;
    exit;
}
echo Retroswitch::AsciiToPecscii( "No Data" );
?>
```