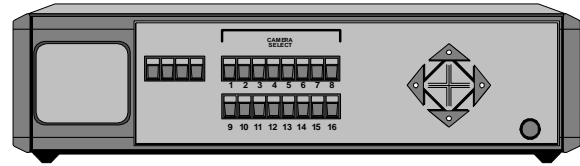
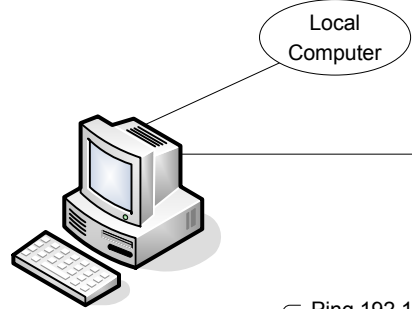


CCTV

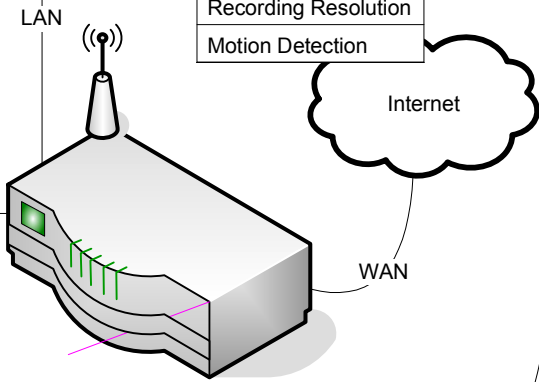
Network Set-up © 2013 www.cctv.gg



CCTV Recorder



Local Computer



(1) Set-up Recorder
Unique LAN IP
Subnet
Gateway
DNS & NTP
HTML Port
User Name
Password
Correct Time
Recording Resolution
Motion Detection

Example

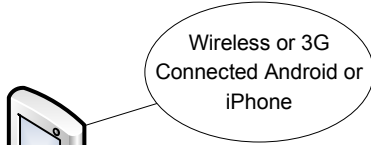
192.168.0.100	IP
255.255.255.0	Sub
192.168.0.1	Gate
192.168.0.1	DNS
192.43.244.18	NTP (time.nist.gov)
8080	Port
admin	User (keep same case)
123456	Use more complex numbers

Rule looks for WAN port number (8080). Then all traffic with matching port is forwarded to CCTV recorder. Some routers require the configuration of a service then the service is assigned to the CCTV recorder LAN IP address. Additional rules may be required for iPhone and Android.

(2) Test Locally
Ping IP of recorder
Open HTML Page

Ping 192.168.0.100

Try internet explorer, remember to use a full address <http://192.168.0.100:8080>
Allow active X to install. (may need to change security settings in internet explorer)



Wireless or 3G Connected Android or iPhone

Most recorders will have a App for mobile devices. Each App is recorder type specific. Some Apps use a separate port number. Create forwarding rules for these ports as well.

(3) Set up Router
Create forwarding rule(s)
Create Dynamic DNS Account
Set up Dynamic DNS Account

This is set up at www.dyndns.org and is a method of maintaining a simple track on the sites WAN IP address. This is the IP address assigned by the internet service provider. DO NOT use names with hyphens, symbols or spaces. Set this up on the LAN then store the current WAN IP during setup.
e.g. example.servveftp.net
Tick allow wilcards.

This is best set up in the router but can often be set up in the recorder if the router does not support DYNDNS. This setup is only required if the site has a dynamic IP WAN address. If unknown then set this up. This enables the Dynamic DNS name to keep a track of the router IP WAN address even it it changes.

(4) Test Router settings
Ping DYN DNS Name
Try remote access

Try internet explorer, remember to use a full address <http://example.servveftp.net:8080>
This should work from mobile although active x will NOT work !! But it should prove routing is correct.

- (a) Confirm WAN IP <http://www.cctv.gg/broadband.shtml>
- (b) ping the dynamic dns name .. e.g. ping example.servveftp.net

The returned IP address should match the reported WAN IP