SECURITY TRONIX
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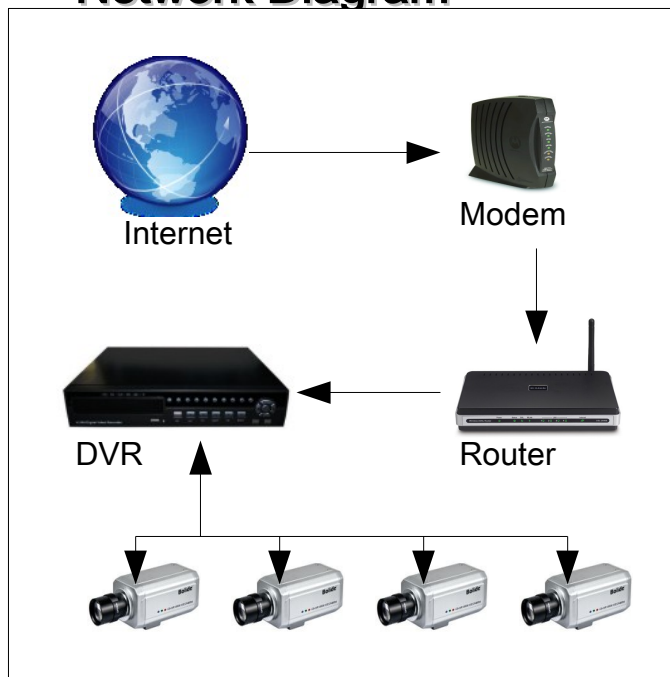
DVR NETWORK ACCESS GUIDE

Getting Started

It is important to know what type of internet connection you have. Note: some ISPs may block certain ports. Consult with your network administrator or ISP if you are having connection difficulties.

Network Diagram

Internet   Modem

DVR   Router

1. Internet Connection

If using a dynamic IP address, the use of a domain name server is required to connect to your DVR (ie:www.dyndns.com)
If using a static IP, the use of a domain name server is not required, continue to the next step.

2. DHCP Settings

If your network does not have DHCP enabled, check with your network administrator for an IP address that is not in use, and is within your routers IP range.

```
NETWORK SETUP                                          ☒
   ☐AUTO ASSIGN IP(DHCP)   ☐ENABLE UPNP
   ETHERNET IP    192 . 168 . 104 . 18
   NETMASK        255 . 255 . 255 . 0          MAC
   GATEWAY        192 . 168 . 104 . 1          EMAIL
   DNS            0 . 0 . 0 . 0
   SERVER PORT  7777          HTTP PORT    80
   DDNS SERVER  NOT USED ▼    MOBILE PORT  8888
   DOMAIN NAME
   ACCOUNT                     PASSWORD
   ☐PPPOE AUTO STARTUP
   PPPOE IP       0 . 0 . 0 . 0              DIAL UP
   ACCOUNT        dmef
   PASSWORD       **
              SAVE             EXIT
```

3. DVR settings

* If using DHCP, go to DVR>MAIN MENU>SYSTEM SETUP>NETWORK
Enable DHCP (your DVR will obtain all the information it needs from the router)
* If DHCP is not used, input the specific IP address, in the ETHERNET IP field
* SUBNET MASK and GATEWAY must match your network's settings.
* Typically, subnet mask is 255.255.255.0 and gateway will be the IP address of your router (ex: 192.168.1.1)

4. Router Settings

* Once your DVR has been configured, log into your router's interface
* You will need to forward ports 7777, 80, and 8888 to the DVR's IP address
* The protocol for all ports should be set to both UDP and TCP
* Confirm with your network administrator before changing any of the router settings
* Information on how to properly forward ports is readily available online
* Consult your network administrator for further assistance configuring your router

Example port forwarding screen shot

Port forwarding Help

Help with accessing router interface and forwarding ports can be found at most router manufacturer's websites.

Other Useful Web Sites

http://portforward.com

http://www.openporttest.com/

http://www.whatismyip.com

http://www.dyndns.com

Logging into your DVR remotely

Enter your dvr's network IP address,and port here

If using a DNS service enter the domain name here

* When connecting locally, enter the DVR's IP address into the IP address Field

*When connecting remotely using the client software, or Microsoft Internet explorer, enter the public IP or domain name of the network which your DVR is connected to

Note: **if using internet explorer, activex controls must be active to access the DVR's interface**

Ex: local 192.168.104.15
Ex: WAN 64.19.34.15
Ex: mycam.dyndns.org
If you are using a domain name service

For further assistance using the DVR software, refer to the documentation included in the DVR install CD-ROM