

Basic DVR Network Layout

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FYI: Private LAN IP Addressing Scheme

Description	IP address range	Subnet Mask
Class A	10. 0. 0. 0 – 10.255.255.255	255. 0. 0. 0
Class B	172. 16. 0. 0 – 172. 31.255.255	255.255. 0. 0
Class C	192.168. 0. 0 – 192.168.255.255	255.255.255. 0
Special trouble shooting Address schemes		
Class A	127. 0. 0. 0 – 127.255.255.255	No Network connection
Class B	169.254. 0. 0 – 169.254.255.255	No DHCP/Router

Preferred Network Setup: Class C Address Assignments

192.168.1.1 to 192.168.1.9 : Routers and smart switches
 192.168.1.10 to 192.168.1.19 : File & email Servers and NAS devices
 192.168.1.20 to 192.168.1.29 : DVR's and NVR's
 192.168.1.30 to 192.168.1.39 : Printers, Fax machines, Copiers, scanners
 192.168.1.40 to 192.168.1.99 : IP Cameras
 192.168.1.100 to 192.168.1.254 : DHCP assigned for Computers and temporary devices

