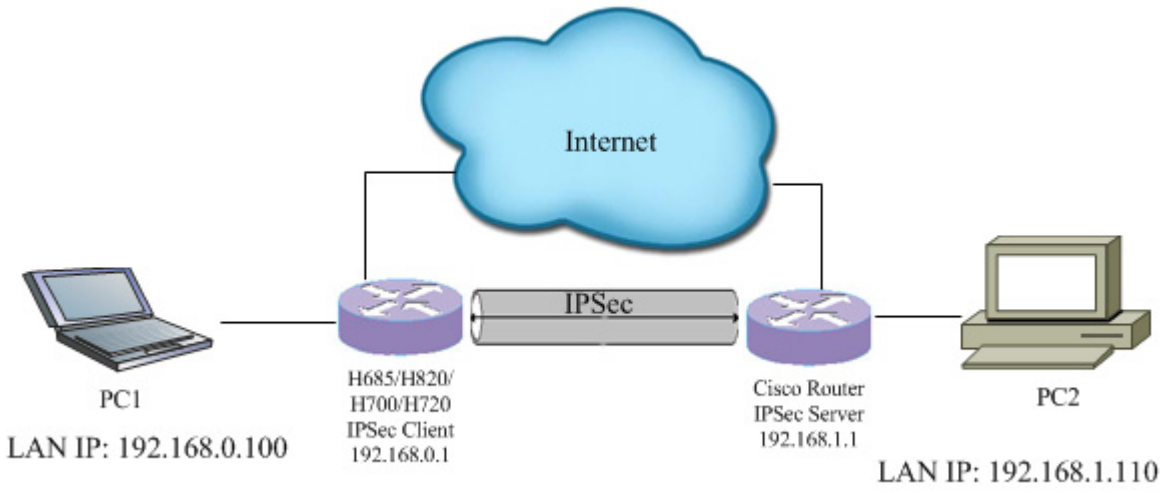
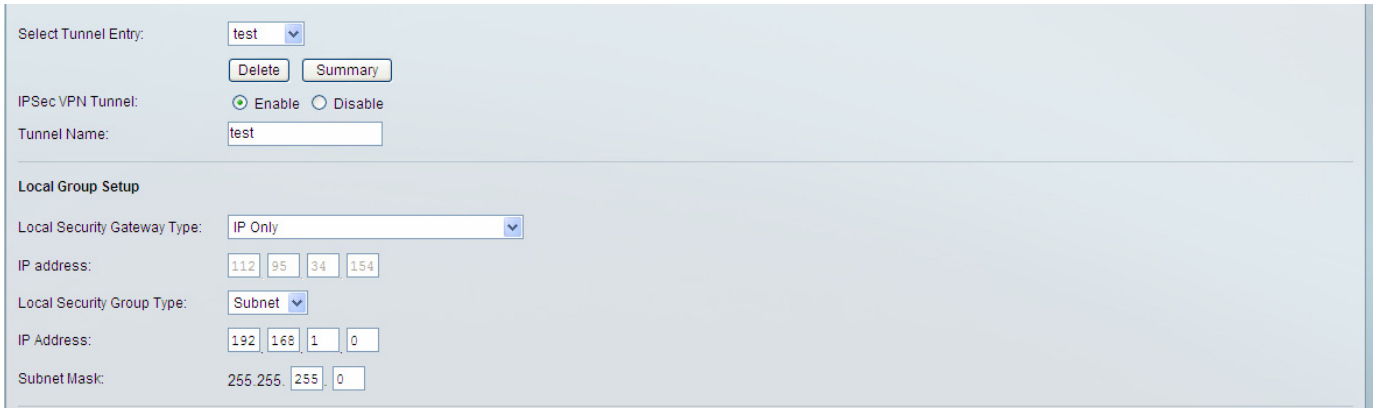
H685/H820/H7X0 and Cisco IPSec VPN in Main Mode

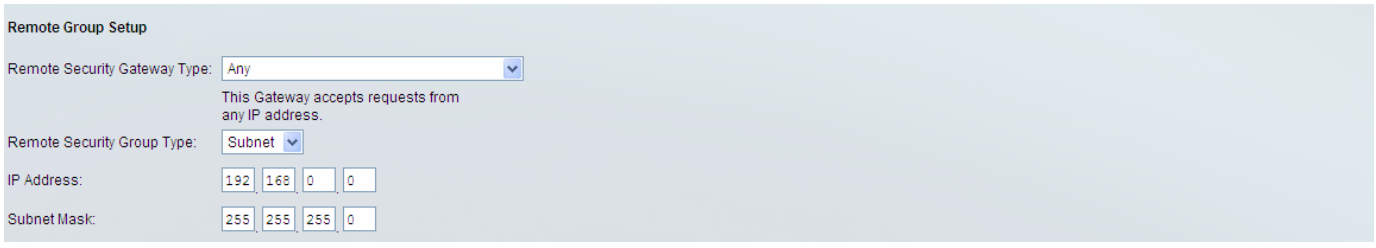
Typical Simple Diagram

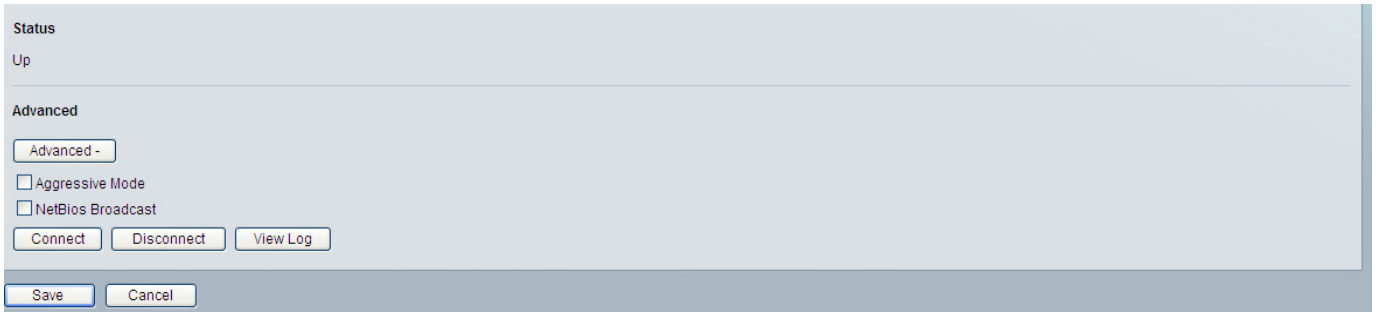


1) check for Cisco router WAN IP and LAN IP

2) set IKE Cisco router IPSec







3) set E-Lins router IPSec.

Name (ID/FQDN)	test
Service Mode	Client
Exchange Mode	Main
Gateway	112.95.34.154
Local Network Type	Subnet
Local IP	192.168.0.0 / 24
Remote Network Type	Subnet
Remote IP	192.168.1.0 / 24
Auth method	Pre Shared Key
Password	••••
Interface	WAN
	Advance
NAT Traversal	☑
DPD Check	☑
DPD Interval (sec)	60
DPD Maximum Failures	3
Phase1	
Proposal Check	obey
Encryption Algorthm	3DES
Hash Algorthm	MD5
DH Groups	modp1024/2
Life Time (sec)	28800
Phase2	
Encryption Algorthm	3DES
Hash Algorthm	MD5
DH Groups	modp1024/2
Life Time (sec)	3600
Perfect Forward Secrecy	☐

Notes:

1) If sometimes the settings are correct but IPSec VPN cannot connect, try to re-start the IPSec settings.
2) The IP should be correct for settings. If your IP is dynamic, please double check this.
3) If PC1 and PC2 cannot be through, check the PC firewall if it's closed.
4) For main mode, the both sides' WAN IP should be visit each other. And ID/FQDN should use IP instead of name if cannot connect.