GoIP gateway configuration.

Four-step static LAN IP, Trunk gateway mode and 50–110 ms adaptive jitter buffer guide for GoIP 8, 16 and 32 gateways.

Default client IP	Subnet mask	SIP trunk port	Priority codecs
192.168.101.1	255.255.255.0	UDP 5060	G.729 · G.723

01 Step 1: Review GoIP channel summary

Log in to the GoIP web console and verify SIM registration, RSSI signal strength, active channel status, ACD and ASR on the Status summary screen.

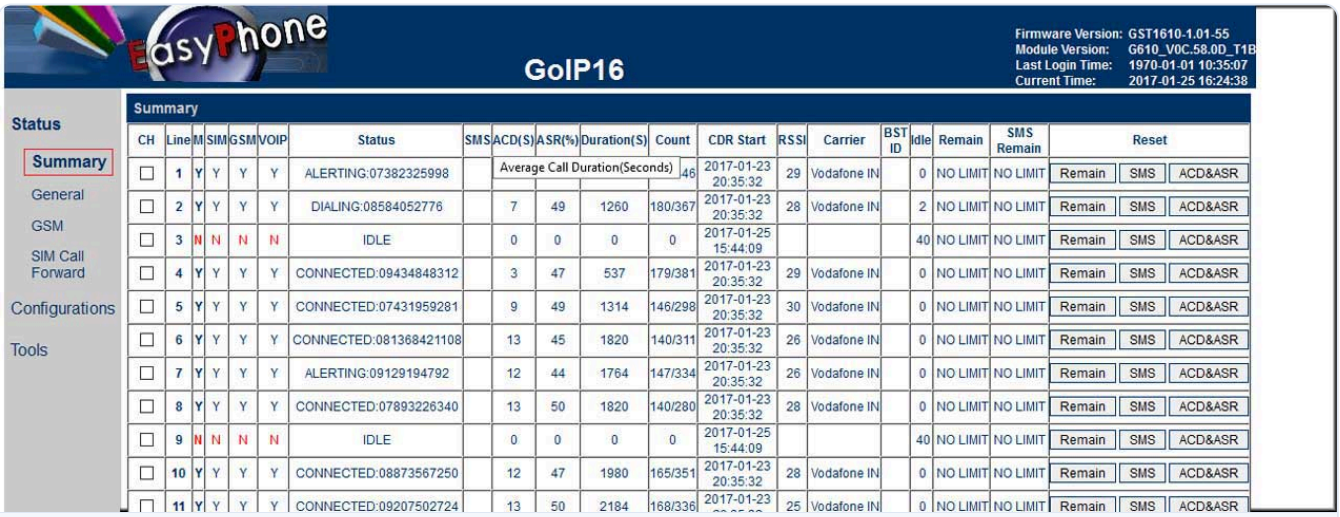


Figure 1 · GoIP 32 status summary

02 Step 2: Assign static LAN network address

Open Configurations → Network and assign a static IPv4 address on your Cloudfonica client subnet (default gateway 192.168.101.1, subnet mask 255.255.255.0).

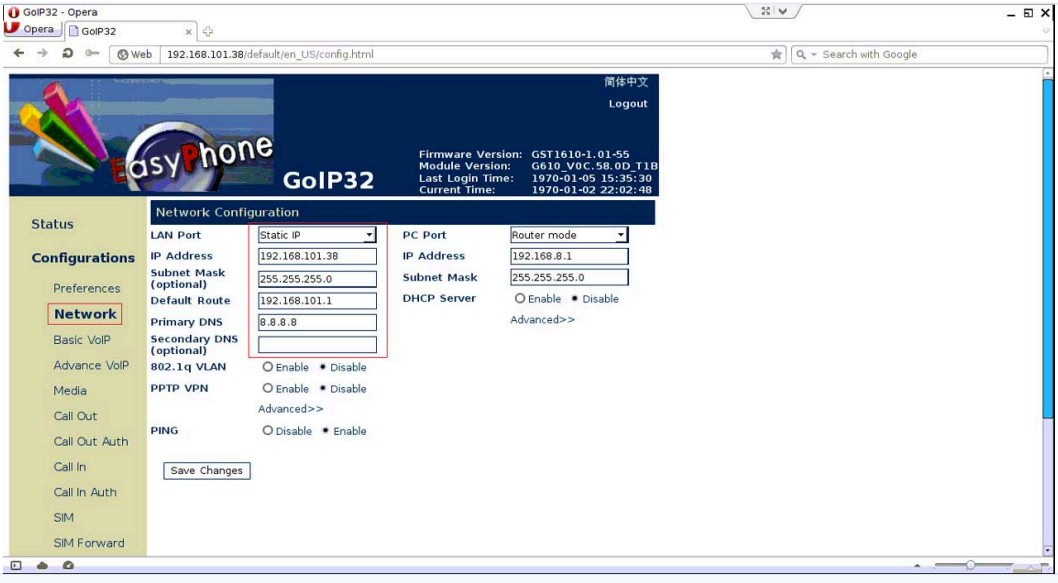


Figure 2 · GoIP network configuration

03 Step 3: Set Basic VoIP to trunk gateway mode

Open Configurations → Basic VoIP, set Config mode to Trunk gateway mode, and enter 192.168.101.1 (UDP port 5060) as SIP Trunk Gateway1.

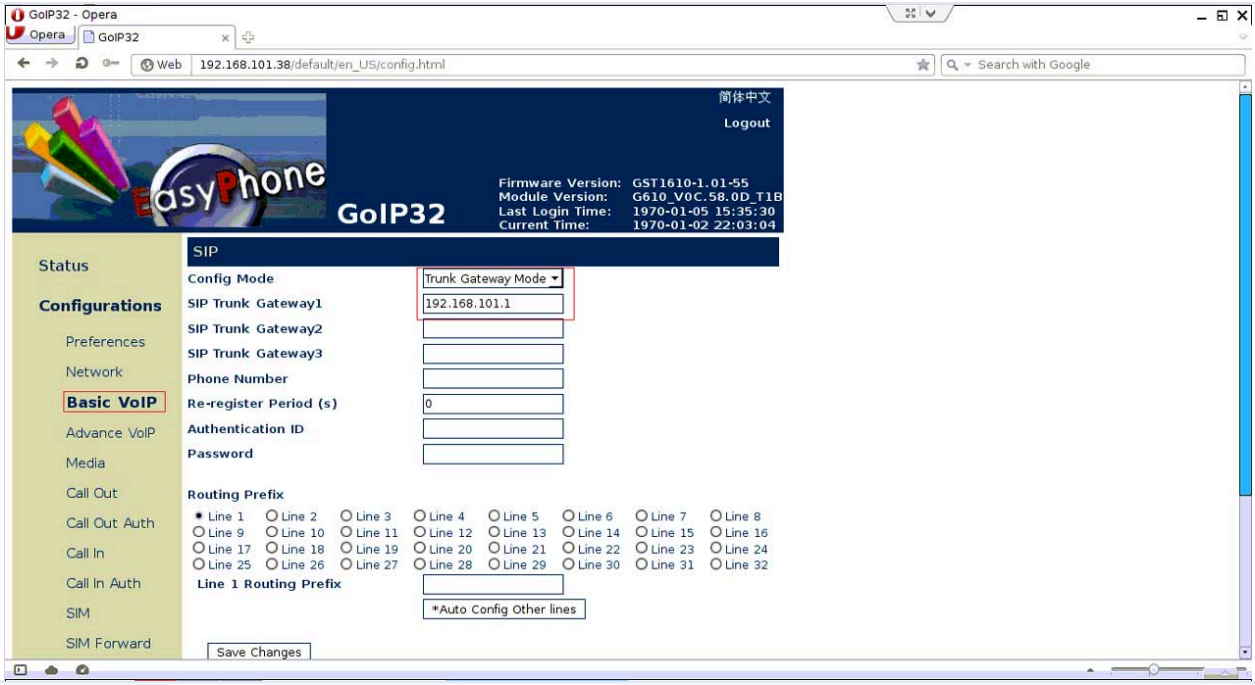


Figure 3 · GoIP Basic VoIP trunk configuration

04 Step 4: Configure codecs & adaptive jitter buffer

Under Configurations → Media, enable G.729 / G.729a / G.729ab / G.723 / A-law / μ-law and set Jitter buffer to Adaptive with min delay = 50 ms and max delay = 110 ms to prevent choppy audio.

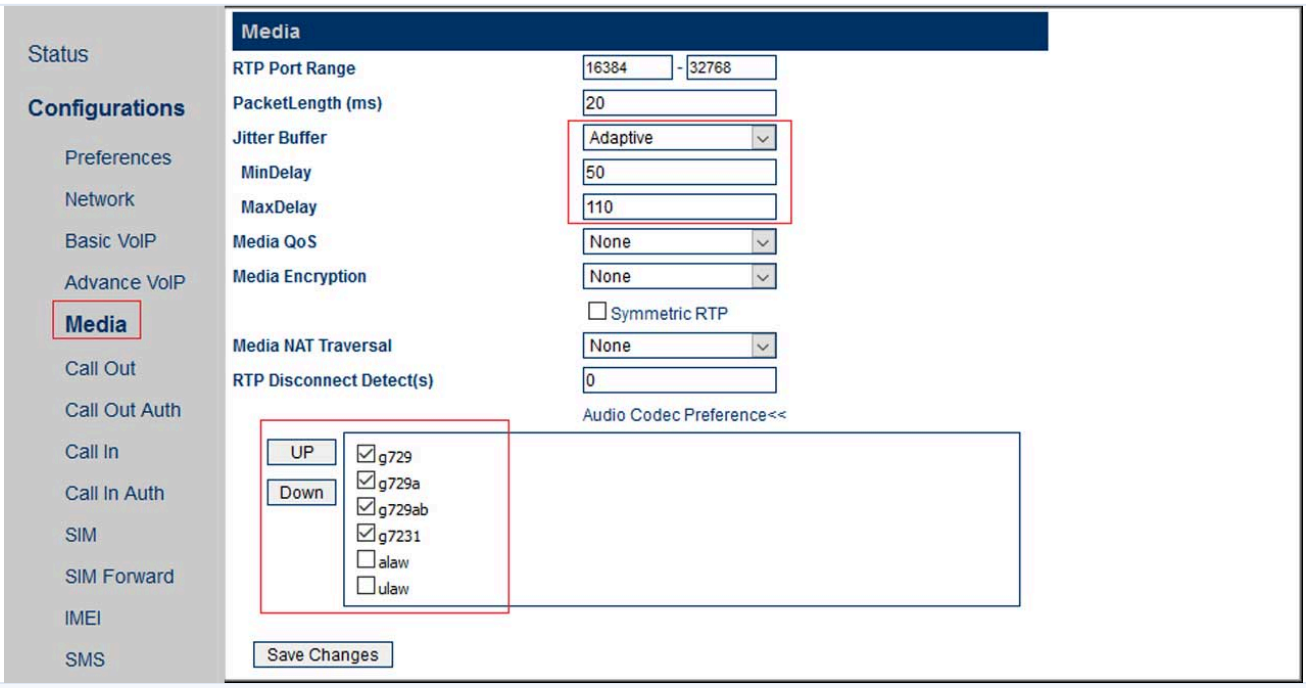


Figure 4 · GoIP media & codec configuration