GATEWAY CONFIGURATION MANUAL · DINSTAR

Dinstar gateway configuration.

Ten-step LAN IP, IP↔Tel routing, cyclic ascending port group and SIP trunk walkthrough for Dinstar GSM/VoIP 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: Inspect system & SIM status

Sign in to the Dinstar Web Management System and verify SIM registration, RSSI signal levels, active port status, ASR and ACD on the System information screen.

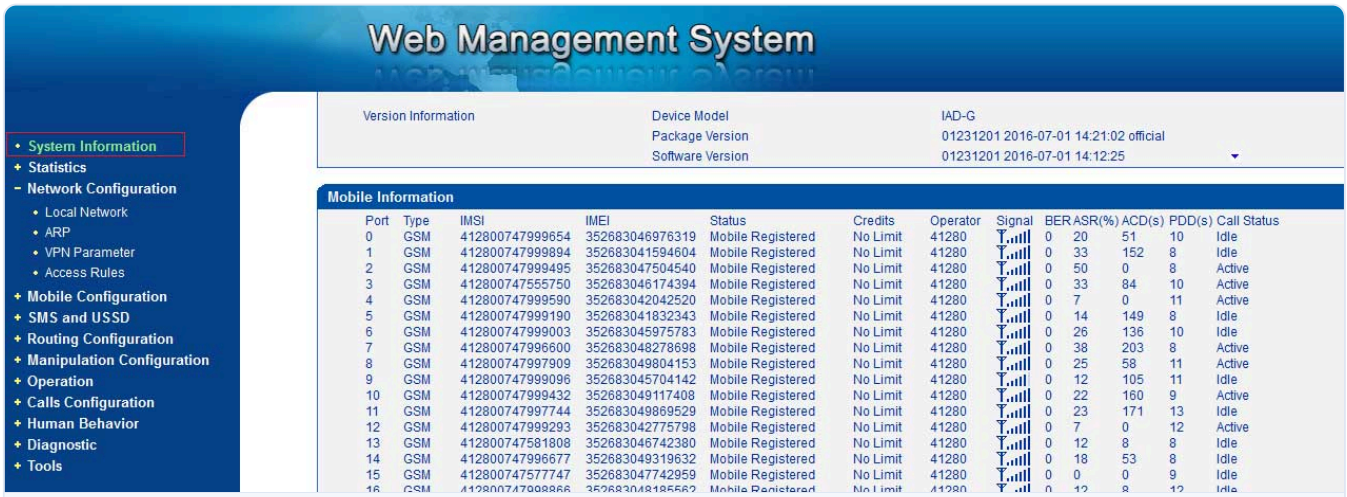


Figure 1 · Dinstar system information

02 Step 2: Configure local network IP

Under Network configuration → Local network, assign a static LAN IP on the Cloudfonica client subnet (for example 192.168.101.10) with subnet mask 255.255.255.0 and default gateway 192.168.101.1.

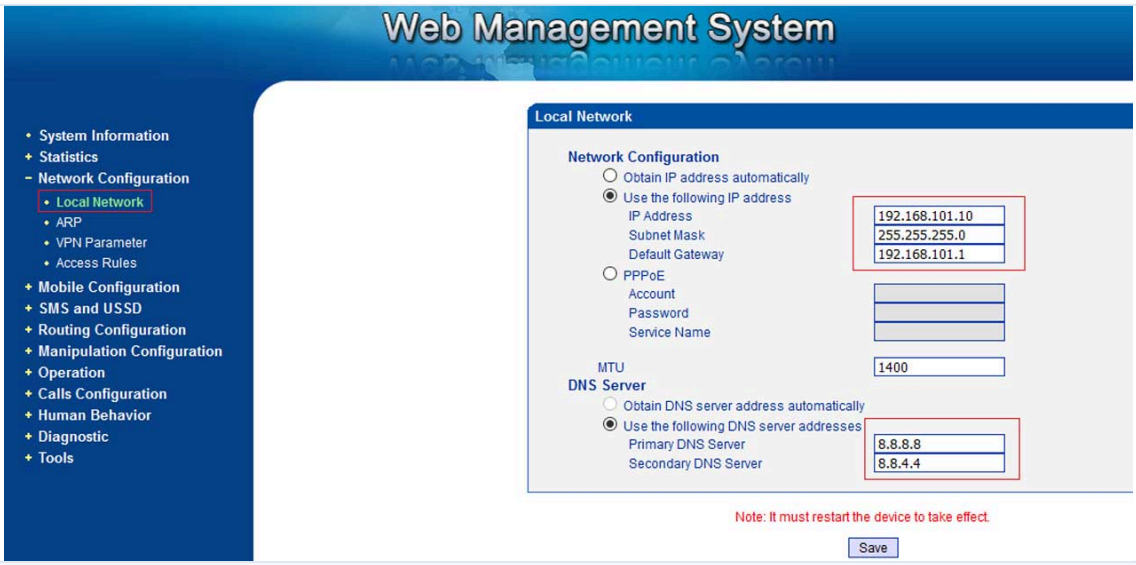


Figure 2 · Dinstar local network configuration

03 Step 3: Set routing order before manipulation

Under Routing configuration → Routing parameters, set both IP → Tel and Tel → IP routing order to Route calls before manipulation.

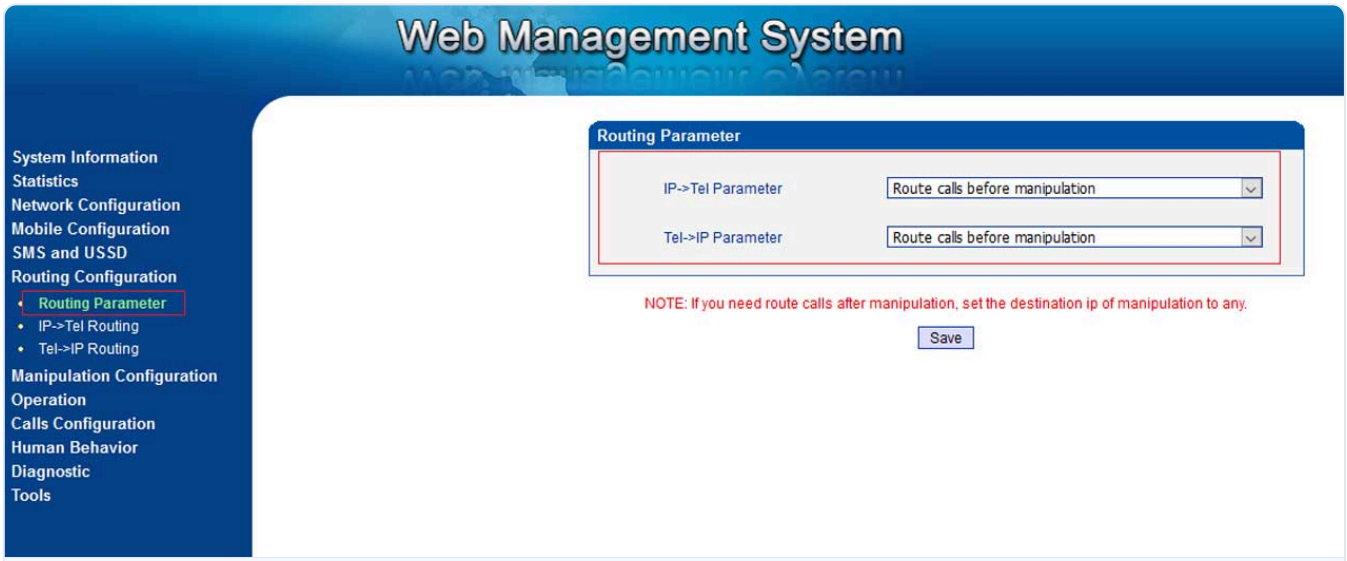


Figure 3 · Routing parameters

04 Step 4: Create IP → Tel routing rule

Add an IP → Tel routing rule forwarding inbound calls from the Cloudfonica IP trunk directly to your active mobile port group.

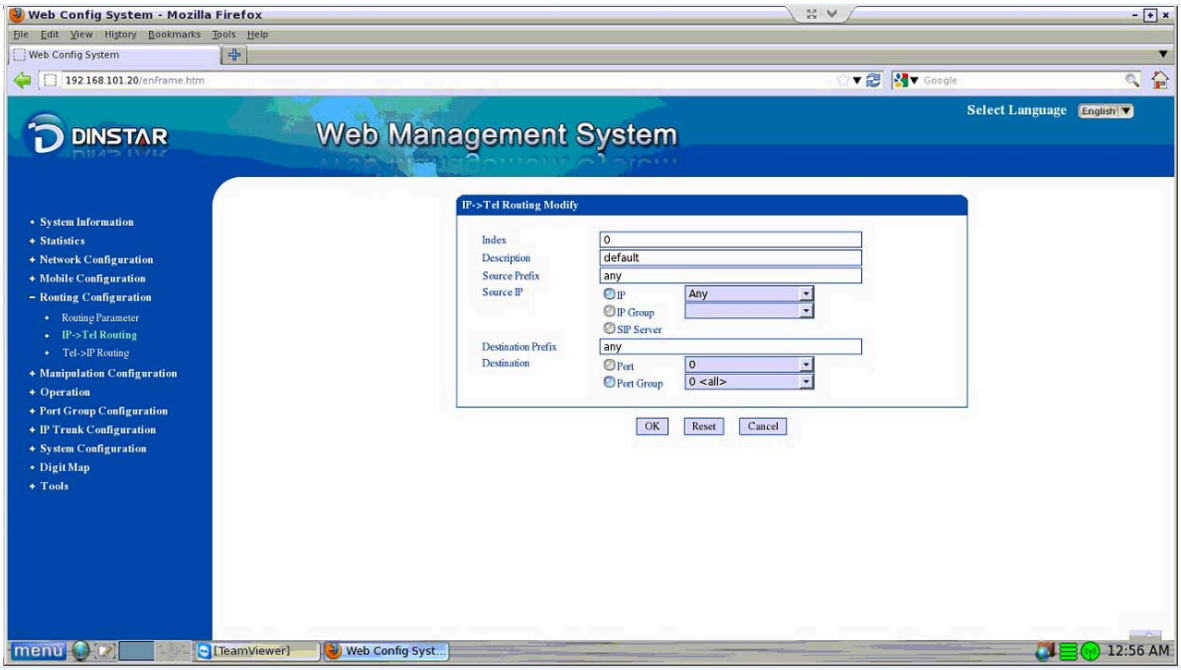


Figure 4 · IP → Tel routing configuration

05 Step 5: Configure IP → Tel destination manipulation

Under Manipulation configuration (IP → Tel destination), map inbound prefixes and ports cleanly to match your dialled number format.

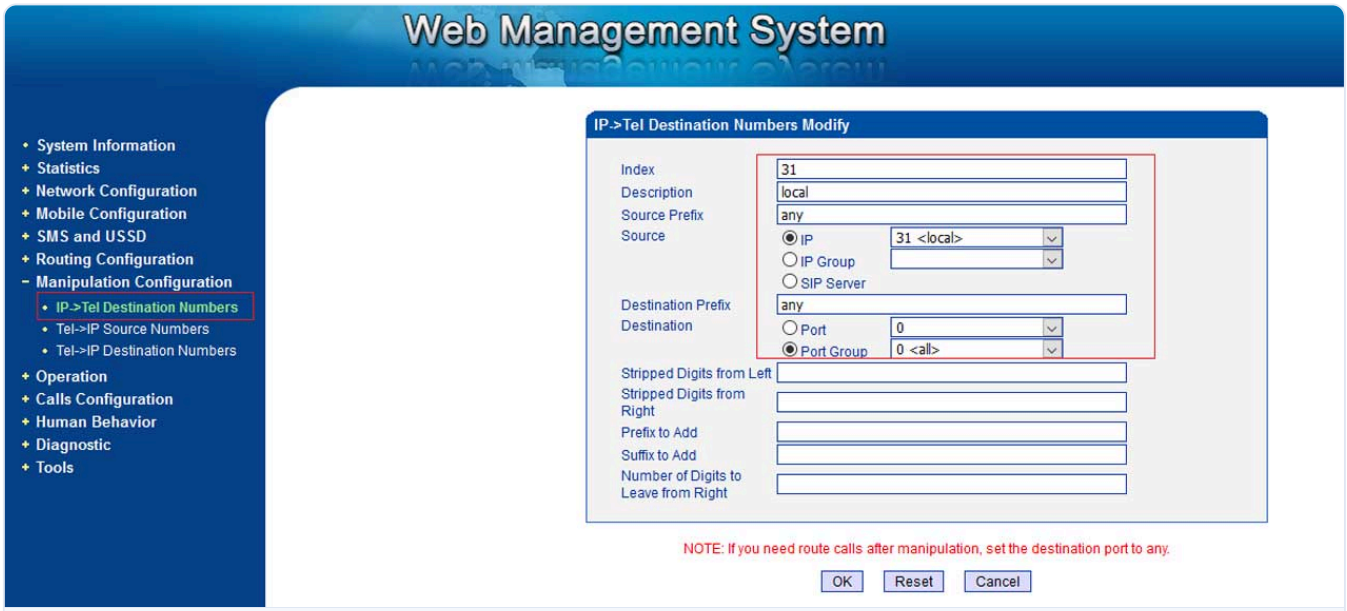


Figure 5 · Dinstar manipulation configuration

06 Step 6: Allow inbound operation rules

In Operation configuration, permit call origination from the Cloudfonica bandwidth optimiser client IP to terminate onto Dinstar GSM channels.

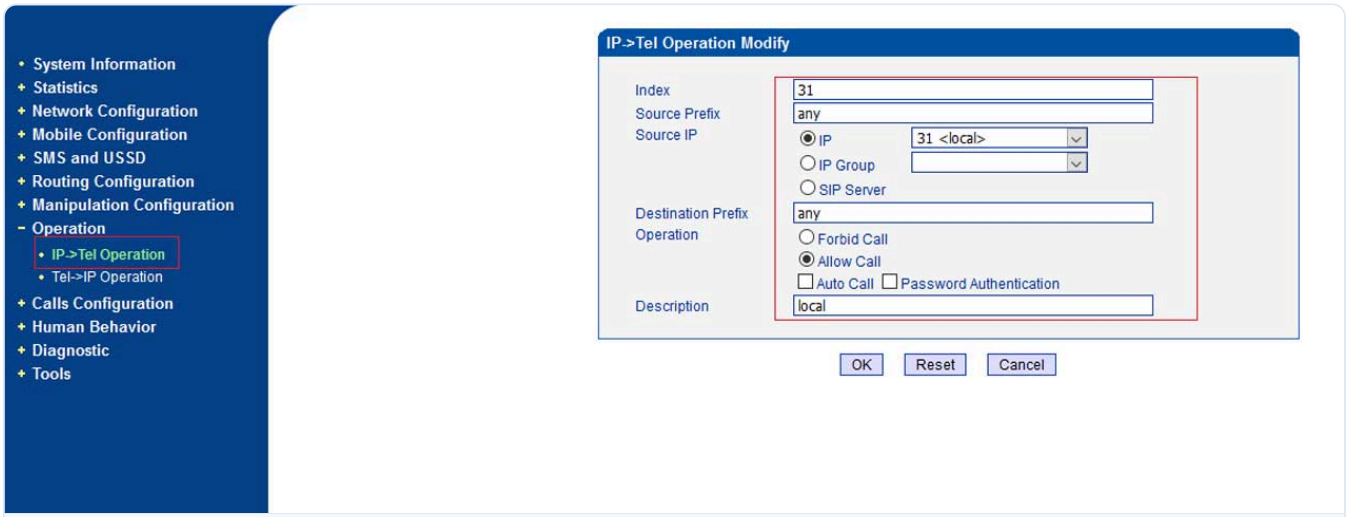


Figure 6 · Dinstar operation configuration

07 Step 7: Set port group selection to cyclic ascending

Under Port group configuration, enable your active SIM ports and set port selection mode to Cyclic ascending for balanced traffic distribution across SIMs.

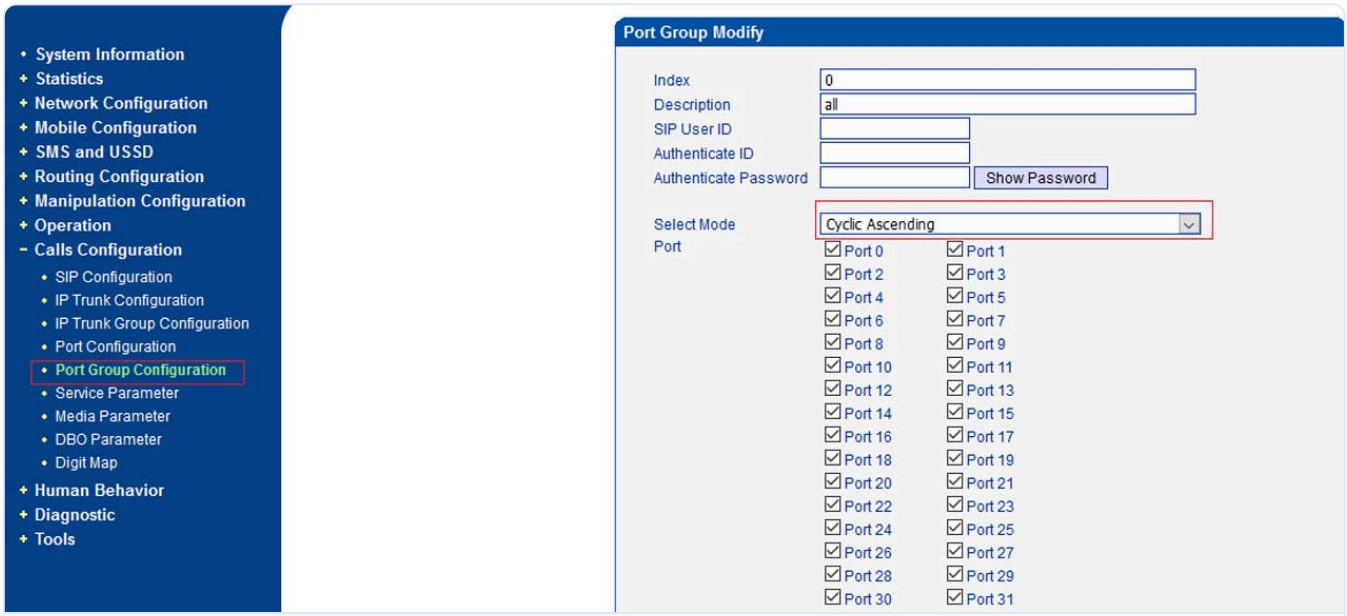


Figure 7 · Port group configuration

08 Step 8: Add IP trunk (192.168.101.1:5060)

Under IP trunk configuration, enter your Cloudfonica client default IP (192.168.101.1) and remote SIP port 5060.

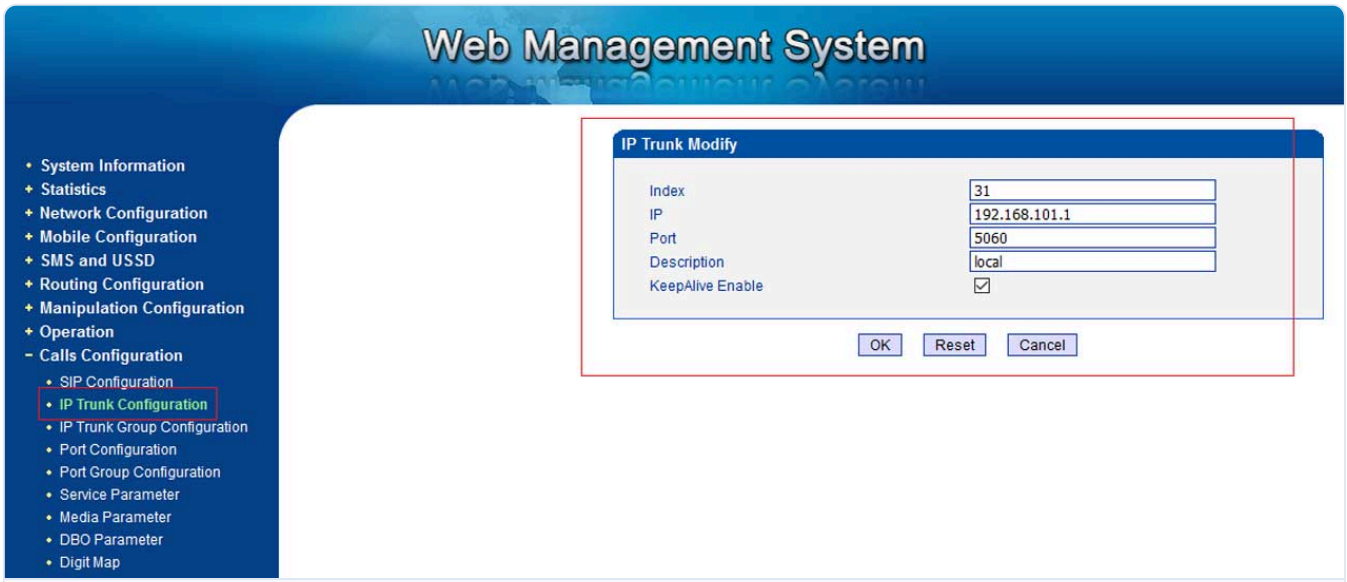


Figure 8 · IP trunk configuration

09 Step 9: Select voice codecs

In Service parameter configuration, enable G.729 and G.723 at top priority (with optional G.711 A-law / μ-law fallback).



Figure 9 · Service parameter configuration

10 Step 10: Bind SIP server parameter & reboot

Confirm your default SIP server pairing under SIP parameter configuration, save settings, restart the gateway if prompted, and register the gateway's static IP inside your Cloudfonica service panel.

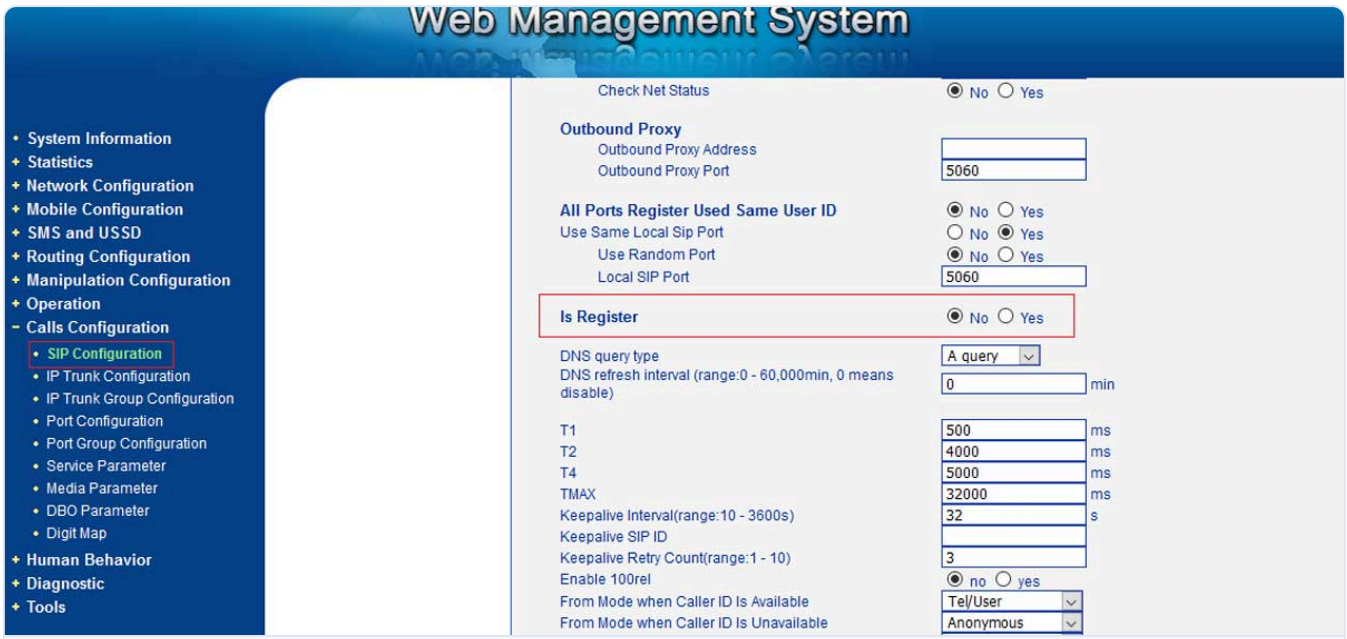


Figure 10 · SIP parameter configuration