



## MAINTENANCE AND MANAGEMENT

- Web, telnet and keypad management
- Management with different account right
- Upgrade firmware through POST mode and HTTP, FTP or TFTP
- Support DHCP option66 auto provisioning
- Telnet remote management/upload/ download setting file
- Safe mode provide reliability
- Support Auto Provisioning to upgrade firmware or configuration file with HTTPS
- Support TR-069 (optional) and Syslog



## TECHNICAL SPECIFICATION

ITEM	IDP - 555	IDP - 888	
SIP lines support	2	4	
DSS keys	4	8	
Navigation keys	5	5	
Fixed Function keys	5	5	
Soft keys	4	4	
Full duplex hands-free	Yes	Yes	
Power Adapter	Input:100-240V Output:5V/1A	Input:100-240V Output:5V/1A	
Port	WAN	10/100Base-T RJ-45	10/100Base-T RJ-45
	LAN (PC)	10/100Base-T RJ-45	10/100Base-T RJ-45
	Headset	RJ-9	RJ-9
	EXT Console	RJ-11	RJ-11
Power Consumption	Idle: 2.5W/Active: 2.8W	Idle: 2.5W/Active: 2.8W	
LCD Display Size	75 x 28mm	80 x 43mm	
Operation Temperature	0 - 40°C	0 - 40°C	
Relative Humidity	10 - 65%	10 - 65%	
Main Chipset	Broadcom	Broadcom	
SDRAM	128Mbits	128Mbits	
Flash	32Mbits	32Mbits	
Weight	0.85kg	0.95kg	

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# TGS IP PHONE:

- IDP 555
- IDP 888



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## THE FULL FEATURE IP TELEPHONE

The TGS IDP series IP phone is a new generation of innovative SIP telephone that provides voice communication over the same data network that your computer uses. This phone's functions not only much like a traditional phone, allowing to place and receive calls, and enjoy other features that traditional phone has, but it also own many data services features which you could not expect from a traditional telephone.

The IDP series IP phone is intuitive in functionality and interface. Fixed function keys enable easy access to frequently used phone function such as Directory, History, Redial, Mute and Speaker function. Navigation key assist users for operating the phone, user can configure through the web page according to own patterns of use. Programmable keys are able to set up user desire functions per key. Soft Keys offer combination functions access by the users. IDP also incorporates G.722 wideband codec to deliver high quality voice. It is easy to deploy and ongoing administration is simple.

The IDP IP phone family comprises of the following two models:

- IDP - 555
- IDP - 888

## IDP - 555

The IDP - 555 is a full-featured speaker-phone with display and 4 programmable keys. It can be customized for various workplace environments.



## IDP - 888

The IDP - 888 is a full-featured speaker-phone with large display and 8 programmable keys. It is a solution for efficient and professional telephony.



## FEATURES

- Support SIP 2.0 (RFC3261) and correlative RFCs
- Support IAX2, iax2 line call
- SIP support SIP lines. Can connect to different SIP servers at the same time
- Support multiple road call waiting in line
- Codec: G.711A/u, G.7231 high/low, G.729a/b, G.722.1,G.726
- Support HD voice
- Echo cancellation: Support G.168, and Hands-free can support 96ms, Hand free Speaker Phone
- Support Voice Gain Setting, VAD, CNG
- Full duplex hands-free speakerphone

- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, Peer to Peer/ IP call
- DTMF Relay: support inband, SIP info, RFC2833
- 9 kind of ring type and multiple user-defined ring music
- Large dot matrix LCD display and softkeys make user easier to use
- Support headset jack- RJ9
- DSS Key
- Support 5 EXT consoles, each console with 26 keys
- Soft keys programmable; function keys programmable
- Multilanguage realizes localization
- SIP application: support call forward/ transfer (blind/attended)/ holding/ waiting/ 3 way talking/ conference/ paging and intercom/ call park/call pickup/ join call/ redial and unredial/ click to dial/ secondary dialing automatically
- Call control features: flexible dial map, hotline, empty calling no. reject service, black list for reject authenticated call, white list, limit call, no disturb, caller ID, CLIR (reject the anonymous call), CLIP (make a call with anonymous), Dial without register
- Incoming calls /outgoing calls / missing calls. Each support 100 records
- Support Phonebook 500 records
- Support SMS and Speed Dial
- Support XML phonebook/browser
- Support SRTP and Bif
- Code synchronization via IP PBX/IMS
- Support click to dial via web phone book
- Support action URL/active URI
- Voice codec setting for each SIP line
- Hands-free headset ringing choice



## NETWORK FEATURES

- WAN/LAN: 10/100M Ethernet ports, supports Route and Bridge mode.
- Support bridge working as hub (optional)
- Support PPPoE for xDSL and PoE (optional)
- Support VLAN (voice vlan/data vlan)
- Support 802.1
- Support basic NAT and NAPT
- NAT transverse: support STUN client
- Support DHCP client on WAN
- Support DHCP server on LAN
- Support main DNS and secondary DNS server.
- Support DNS Relay, SNTP Client, Firewall, openVPN
- Support VPN (L2TP) and DMZ
- Network tools in telnet server: including ping, trace route, telnet client