

Parameter List

(TGP series)

No.03-003

March 3 , 2011

Ver.1.3

Panasonic Corporation

Abstract

1.About this document

This document lists all parameters in TGP provided by either WEB or a configuration file, or both

2.Revision history

Date	Version	Revision	Firmware version
May. 3, 2010	Ver. 1.0	Initial Release	
Sep. 24, 2010	Ver. 1.1	Parameter in a Configuration File : "LINE_ID_[1-8]" and "SIP_RCV_DET_HEADER_[1-8]" was added. Parameter in the Web Setting : Line ID was added.	12.04/22.04
Oct. 29, 2010	ver 1.2	Parameter in a Configuration File : "INCOMING_CALL_GROUP_[1-8]" , "OUTGOING_CALL_LINE_HS[1-6]" , "OUTGOING_CALL_LINE_BS", "DEFAULT_LINE_SELECT_HS[1-6]" and "DEFAULT_LINE_SELECT_BS" was added.	12.06/22.06
Mar. 3, 2011	ver 1.3	Parameter in a Configuration File : HTTPD_PORTOPEN_AUTO OPTION66_REBOOT SIP_CONTACT_ON_ACK_[1-8] OUTBANDDTMF_VOL was added.	12.10/22.10

Parameter List

Note:

*1 The access levels are abbreviated as follows:

U: User

A: Administrator

Yes indicates that the setting is available for that access level.

*2 If your phone system dealer does not allow you these settings, you cannot change them even though the unit shows the setting menu

*3 Chapter number in Administrator guide of Web Setting

*4 Chapter number in Administrator guide of Configuration File

WEB Settings						Configuration File			
	Menu Item	Section Title	Chapter number(*3)	Parameter in the Web Setting	Access Level(*1)		Parameter in a Configuration File	Chapter number(*4)	
					U	A			
Status	Version Information	Version Information	3.3.1.1	Model	Yes	Yes			
				Operating BANK	Yes	Yes			
				IPL Version	Yes	Yes			
				Firmware Version	Yes	Yes			
	Network Status	Network Status	3.3.2.1	MAC Address	Yes	Yes			
				Ethernet Link Status (LANPort)	Yes	Yes			
				Ethernet Link Status (PC Port)	Yes	Yes			
				Connection Mode	Yes	Yes			
				IP Address	Yes	Yes			
				Subnet Mask	Yes	Yes			
				Default Gateway	Yes	Yes			
				DNS1	Yes	Yes			
VoIP Status	VoIP Status	3.3.3.1	Line No.	Yes	Yes				
			Phone Number	Yes	Yes				
Network	Basic Network Settings	DHCP Settings	3.4.1.2	Host Name	Yes	Yes	CONNECTION_TYPE	4.4.1	
				Domain Name Server	Yes(*2)	Yes	HOST_NAME	4.4.1	
		Static Settings	3.4.1.3	Static IP Address	Yes(*2)	Yes	DHCP_DNS_ENABLE	4.4.1	
				Subnet Mask	Yes(*2)	Yes	STATIC_IP_ADDRESS	4.4.1	
				Default Gateway	Yes(*2)	Yes	STATIC_SUBNET	4.4.1	
				DNS1	Yes(*2)	Yes	STATIC_GATEWAY	4.4.1	
		DNS Settings (This item is not in web setting)	-	DNS2	Yes(*2)	Yes	USER_DNS1_ADDR	4.4.1	
							USER_DNS2_ADDR	4.4.1	
							DNS_QRY_PRL	4.4.2	
							DNS_PRIORITY	4.4.2	
	Ethernet Port Settings	Link Speed/Duplex Mode	3.4.2.1	LAN Port		Yes	DNS1_ADDR	4.4.2	
				PC Port		Yes	DNS2_ADDR	4.4.2	
		VLAN Settings	3.4.2.2	Enable VLAN		Yes			
				IP Phone	-	-	VLAN_ENABLE (KX-TGP550 only)	4.4.3	
				VLAN ID		Yes			
				Priority		Yes	VLAN_ID_IP_PHONE (KX-TGP550 only)	4.4.3	
				PC	-	-	VLAN_PRI_IP_PHONE (KX-TGP550 only)	4.4.3	
				VLAN ID		Yes			
		HTTP Client Settings	HTTP Client Settings	3.4.3.1	HTTP Version		Yes	HTTPD_PORTOPEN_AUTO	4.4.4
					HTTP User Agent		Yes	HTTP_VER	4.4.4
							HTTP_USER_AGENT	4.4.4	
							HTTP_SSL_VERIFY	4.4.4	
	Proxy Server Settings	Proxy Server Settings	3.4.3.2	Enable Proxy		Yes	CFG_ROOT_CERTIFICATE_PATH	4.4.4	
				Proxy Server Address		Yes			
	Global Address Detection	Global Address Detection	3.4.4.1	Proxy Server Port		Yes			
				Detection Method		Yes			
		STUN Server	3.4.4.2	Detection Interval		Yes			
				STUN Server Address		Yes	STUN_SERV_ADDR	4.4.6	
				STUN Server Port		Yes	STUN_SERV_PORT	4.4.6	
							STUN_2NDSERV_ADDR	4.4.6	
Static NAPT Settings	Global IP Address Usage per Line	3.4.5.1	Global IP Address		Yes	STUN_2NDSERV_PORT	4.4.6		
			Line 1-Line 8		Yes				
			Channel 1-3		Yes				
System	Web Language	Web Language	3.5.1.1	Language	Yes	Yes			
	Administrator Password	Change Administrator Password	3.5.2.1	New Password		Yes	ADMIN_PASS	4.3.1	
				Confirm New Password		Yes	ADMIN_PASS	4.3.1	
	Change User Password	Change User Password	3.5.3.1	New Password	Yes	Yes	ADMIN_ID	4.3.1	
				Confirm New Password	Yes	Yes	USER_PASS	4.3.1	
	Web Server Settings	Synchronization	3.5.5.1	Web Server Port		Yes	USER_ID	4.3.1	
				Port Close Timer		Yes			
		Time Adjust Settings	Time Server	3.5.5.2	Enable Synchronization by NTP	Yes(*2)	Yes		
					Synchronization Interval	Yes(*2)	Yes	TIME_QUERY_INTVL	4.4.5
			Daylight Saving Time	3.5.5.3	NTP Server Address	Yes(*2)	Yes	TIME_SYNC_INTVL	4.4.5
					Time Zone	Yes(*2)	Yes	NTP_ADDR	4.4.5
			Start Day and Time of DST (Start Day and End Day and Time of DST (End Day and Time	3.5.5.4	Enable DST (Enable SummerTime)	Yes(*2)	Yes	TIME_ZONE	4.3.2
					DST Offset (Summer TimeOffset)	Yes(*2)	Yes	DST_ENABLE	4.3.2
			Month	3.5.5.5	DST Offset (Summer TimeOffset)	Yes(*2)	Yes	DST_OFFSET	4.3.2
					Month	Yes(*2)	Yes	DST_START_MONTH	4.3.2
	Day of Week	3.5.5.5	Day of Week	Yes(*2)	Yes	DST_START_DAY_OF_WEEK	4.3.2		
			Time	Yes(*2)	Yes	DST_START_ORDINAL_DAY	4.3.2		
	Month	3.5.5.6	Month	Yes(*2)	Yes	DST_START_TIME	4.3.2		
Day of Week			Yes(*2)	Yes	DST_STOP_MONTH	4.3.2			
Time	3.5.5.6	Day of Week	Yes(*2)	Yes	DST_STOP_DAY_OF_WEEK	4.3.2			
		Time	Yes(*2)	Yes	DST_STOP_ORDINAL_DAY	4.3.2			

WEB Settings						Configuration File		
	Menu Item	Section Title	Chapter number(*3)	Parameter in the Web Setting	Access Level(*1)		Parameter in a Configuration File	Chapter number(*4)
					U	A		
VoIP	SIP Settings	SIP Setting	3.6.1.1	SIP User Agent		Yes	SIP_USER_AGENT	4.7.2
		Transport Protocol for SIP	3.6.1.2	Transport Protocol		Yes	SIP_TRANSPORT_[1-8]	4.7.2
	SIP Server	Phone Number	3.6.2.1	Phone Number		Yes	PHONE_NUMBER [1-8]	4.7.2
			Line ID		Yes	LINE_ID [1-8]	4.7.2	
		3.6.2.2	Registrar Server Address		Yes	SIP_RGSTR_ADDR [1-8]	4.7.2	
			Registrar Server Port		Yes	SIP_RGSTR_PORT [1-8]	4.7.2	
			Proxy Server Address		Yes	SIP_PRXY_ADDR [1-8]	4.7.2	
			Proxy Server Port		Yes	SIP_PRXY_PORT [1-8]	4.7.2	
			Presence Server Address		Yes	SIP_PRSNC_ADDR [1-8]	4.7.2	
			Presence Server Port		Yes	SIP_PRSNC_PORT [1-8]	4.7.2	
		Outbound Proxy Server	3.6.2.3	Outbound Proxy ServerAddress		Yes	SIP_OUTPROXY_ADDR [1-8]	4.7.2
			Outbound Proxy Server Port		Yes	SIP_OUTPROXY_PORT [1-8]	4.7.2	
	SIP Service Domain	3.6.2.4	Service Domain		Yes	SIP_SVCDOMAIN [1-8]	4.7.2	
	SIP Source Port	3.6.2.5	Source Port		Yes	SIP_SRC_PORT [1-8]	4.7.2	
	SIP Authentication	3.6.2.6	Authentication ID		Yes	SIP_AUTHID [1-8]	4.7.2	
			Authentication Password		Yes	SIP_PASS [1-8]	4.7.2	
	DNS	3.6.2.7	Enable DNS SRV lookup		Yes	SIP_DNSSRV_ENA [1-8]	4.7.2	
			SRV lookup Prefix for UDP		Yes	SIP_UDP_SRV_PREFIX [1-8]	4.7.2	
	Timer Settings	3.6.2.8	SRV lookup Prefix for TCP		Yes	SIP_TCP_SRV_PREFIX [1-8]	4.7.2	
			T1 Timer		Yes	SIP_TIMER_T1 [1-8]	4.7.2	
			T2 Timer		Yes	SIP_TIMER_T2 [1-8]	4.7.2	
			INVITE Retry Count		Yes	INVITE_RTXN [1-8]	4.7.2	
			Non-INVITE Retry Count		Yes	OTHER_RTXN [1-8]	4.7.2	
							REG_EXPIRE_TIME [1-8]	4.7.2
	REG_INTERVAL_RATE [1-8]					4.7.2		
	Quality of Service (QoS)	3.6.2.9	SIP Packet QoS (DSCP)		Yes	TOS_SIP [1-8]	4.7.2	
	SIP extensions	3.6.2.10	Supports 100rel (RFC 3262)		Yes	SIP_100REL_ENABLE [1-8]	4.7.2	
			Supports Session Timer (RFC4028)		Yes	SIP_SESSION_TIME [1-8]	4.7.2	
	Keep Alive	3.6.2.11	Keep Alive Interval		Yes	PORT_PUNCH_INTVL [1-8]	4.7.2	
	Security	3.6.2.12	Enable SSAF (SIP SourceAddress		Yes	SIP_DETECT_SSAF [1-8]	4.7.2	
						SIP_RCV_DET_HEADER [1-8]	4.7.2	
	other settings						SIP_2NDPROXY_ADDR [1-8]	4.7.2
							SIP_2NDPROXY_PORT [1-8]	4.7.2
							SIP_2NDRGSTR_ADDR [1-8]	4.7.2
							SIP_2NDRGSTR_PORT [1-8]	4.7.2
							SIP_FOVR_NORSP [1-8]	4.7.2
							SIP_FOVR_MAX [1-8]	4.7.2
							SIP_18X_RTX_INTVL [1-8]	4.7.2
							SIP_2NDPRSNC_ADDR [1-8]	4.7.2
							SIP_2NDPRSNC_PORT [1-8]	4.7.2
							USE_DEL_REG_OPEN [1-8]	4.7.2
							USE_DEL_REG_CLOSE [1-8]	4.7.2
							SIP_SUBS_EXPIRE [1-8]	4.7.2
							SUB_RTX_INTVL [1-8]	4.7.2
							REG_RTX_INTVL [1-8]	4.7.2
							SIP_P_PREFERRED_ID [1-8]	4.7.2
							SIP_PRIVACY [1-8]	4.7.2
							ADD_USER_PHONE [1-8]	4.7.2
							SDP_USER_ID [1-8]	4.7.2
							SUB_INTERVAL_RATE [1-8]	4.7.2
						SIP_ANM_DISPNAME [1-8]	4.7.2	
						SIP_ANM_USERNAME [1-8]	4.7.2	
						SIP_ANM_HOSTNAME [1-8]	4.7.2	
						SIP_CONTACT_ON_ACK [1-8]	4.7.2	
						INTERNATIONAL_ACCESS_CODE	4.7.2	
VoIP Settings	RTP Settings	3.6.3.1	RTP Packet Time		Yes	RTP_PTME	4.6.2	
			Minimum RTP Port Number		Yes	RTP_PORT_MIN	4.6.2	
			Maximum RTP Port Number		Yes	RTP_PORT_MAX	4.6.2	
VoIP Settings [Line 1]–[Line 8]	Quality of Service (QoS)	3.6.4.1	RTP Packet QoS (DSCP)		Yes	TOS_RTP [1-8]	4.6.2	
			Statistical Information		Yes	RTCP_INTVL [1-8]	4.6.2	
	Jitter Buffer	3.6.4.3	Maximum Delay		Yes	MAX_DELAY [1-8]	4.6.2	
			Minimum Delay		Yes	MIN_DELAY [1-8]	4.6.2	
			Initial Delay		Yes	NOM_DELAY [1-8]	4.6.2	
	DTMF	3.6.4.4	DTMF Type		Yes	OUTBANDDTMF [1-8]	4.6.3	
						OUTBANDDTMF_VOL	4.6.3	
	Call Hold	3.6.4.5	Telephone-event Payload Type		Yes	TELEVENT_PTYPE [1-8]	4.6.3	
			Supports RFC 2543(c=0.0.0.0)		Yes	RFC2543_HOLD_ENABLE [1-8]	4.6.3	
	CODEC Settings	3.6.4.6	First CODEC		Yes	SDP_CODEC[0-4] [1-8]	4.6.1	
			Second CODEC		Yes	SDP_CODEC[0-4] [1-8]	4.6.1	
			Third CODEC		Yes	SDP_CODEC[0-4] [1-8]	4.6.1	
			Fourth CODEC		Yes	SDP_CODEC[0-4] [1-8]	4.6.1	
			Fifth CODEC		Yes	SDP_CODEC[0-4] [1-8]	4.6.1	
						SDP_CKRT[E][0-4] [1-8]	4.6.1	
						SDP_PARAM[0-4] [1-8]	4.6.1	
				SDP_PTYPE[0-4] [1-8]	4.6.1			
				CODEC_G711_REQ	4.6.1			
				CODEC_G729_PARAM	4.6.1			

WEB Settings						Configuration File			
	Menu Item	Section Title	Chapter number(*3)	Parameter in the Web Setting	Access Level(*1)		Parameter in a Configuration File	Chapter number(*4)	
					U	A			
Telephone	Multi Number Settings	Grouping Handset/ Handset selection for receiving calls	3.7.1.1	Line No.		Yes	INCOMING_CALL_GROUP_[1-8]	4.5.1	
				Phone Number		Yes			
				Handset No.		Yes			
		Handset and Line No. selection for making calls	3.7.1.2	Base(KX-TGP550 only)		Yes		OUTGOING_CALL_LINE_HS[1-6]	4.5.1
				Handset No.		Yes			
				Line No.		Yes			
	Call Control	Call Control	3.7.2.1	Base(KX-TGP550 only)		Yes	OUTGOING_CALL_LINE_BS	4.5.1	
				Default		Yes	DEFAULT_LINE_SELECT_HS[1-6]		
						Yes	DEFAULT_LINE_SELECT_BS		
		Emergency Call Phone Numbers	3.7.2.2	1-5			Yes	VM_SUBSCRIBE_ENABLE	4.5.2
							Yes	CONFERENCE_SERVER_ADDRESS	4.5.2
							Yes	CONFERENCE_SERVER_ADDRESS	4.5.2
	Call Rejection Phone Numbers	3.7.2.3	1-30			Yes	INTDIGIT_TIM	4.5.2	
						Yes	FIRSTDIGIT_TIM	4.5.2	
						Yes			
	Call Control [Line1]-[Line 8]	Call Control	3.7.3.1	Display Name	Yes	Yes	DISPLAY_NAME [1-8]	4.7.2	
				Enable Privacy Mode		Yes	PRIVACY_MODE [1-8]	4.7.1	
				Voice Mail Access Number		Yes	VM_NUMBER [1-8]	4.7.1	
				Enable Shared Call		Yes	SHARED_CALL_ENABLE [1-8]	4.7.1	
				Unique ID of Shared Call		Yes	SHARED_USER_ID [1-8]	4.7.1	
				Synchronize Do Not Disturb and Call Forward		Yes	SYNCHRONIZATION_ENABLE_[1-8]	4.7.1	
		Dial Plan	3.7.3.2	Dial Plan		Yes	DIAL_PLAN [1-8]	4.7.1	
				Call Even If Dial Plan Does Not Match		Yes	DIAL_PLAN_NOT_MATCH_ENABLE_[1-8]	4.7.1	
		Call Features	3.7.3.3	Block Caller ID		Yes			
				Block Anonymous Call		Yes			
				Do Not Disturb		Yes			
		Call Forward	3.7.3.4	Unconditional		-	-		
	Enable Call Forward				Yes	Yes			
	Phone Number				Yes	Yes			
	Busy				-	-			
	Enable Call Forward				Yes	Yes			
	Phone Number				Yes	Yes			
	No Answer				-	-			
	Enable Call Forward				Yes	Yes			
	Tone Settings	Dial Tone	3.7.4.1	Tone Frequencies		Yes	DIAL_TONE_FRQ	4.5.3	
				Tone Timings		Yes	DIAL_TONE_TIMING	4.5.3	
				Tone Frequencies		Yes	BUSY_TONE_FRQ	4.5.3	
				Tone Timings		Yes	BUSY_TONE_TIMING	4.5.3	
		Busy Tone	3.7.4.2	Tone Frequencies		Yes	BUSY_TONE_FRQ	4.5.3	
				Tone Timings		Yes	BUSY_TONE_TIMING	4.5.3	
		Ringing Tone	3.7.4.3	Tone Frequencies		Yes	RINGING_TONE_FRQ	4.5.3	
				Tone Timings		Yes	RINGING_TONE_TIMING	4.5.3	
		Stutter Tone	3.7.4.4	Tone Frequencies		Yes	STT_TONE_FRQ	4.5.3	
				Tone Timings		Yes	STT_TONE_TIMING	4.5.3	
		Reorder Tone	3.7.4.5	Tone Frequencies		Yes	REORDER_TONE_FRQ	4.5.3	
				Tone Timings		Yes	REORDER_TONE_TIMING	4.5.3	
		Howler Tone	3.7.4.6	Tone Frequencies		Yes	HOWLER_TONE_FRQ	4.5.3	
				Tone Timings		Yes	HOWLER_TONE_TIMING	4.5.3	
	Other settings	-	-	Start Time		Yes	HOWLER_START_TIME	4.5.3	
							BELL_CORE_PATTERN1_TIMING	4.5.3	
						BELL_CORE_PATTERN2_TIMING	4.5.3		
						BELL_CORE_PATTERN3_TIMING	4.5.3		
Import Phonebook	Import Phonebook	3.7.5.1	Handset (or Base Unit)	Yes	Yes	BELL_CORE_PATTERN4_TIMING	4.5.3		
			File Name	Yes	Yes	BELL_CORE_PATTERN5_TIMING	4.5.3		
Export Phonebook	Export	3.7.6.1	Handset (or Base Unit)	Yes	Yes				
Maintenance	Firmware Maintenance	Firmware Maintenance	3.8.1.1	Enable Firmware Update		Yes	FIRM_UPGRADE_ENABLE	4.3.4	
				Update Type		Yes	FIRM_UPGRADE_AUTO	4.3.4	
				Firmware File URL		Yes	FIRM_FILE_PATH	4.3.4	
							FIRM_VER_EUDECT	4.3.4	
							FIRM_VER_USDECT	4.3.4	
	Local Firmware Update	Local Firmware Update	3.8.2.1	Encryption		Yes			
				File Name		Yes			
	Provisioning Maintenance	Provisioning Maintenance	3.8.3.1				OPTION66_ENABLE	4.3.5	
							OPTION66_REBOOT	4.3.5	
				Enable Provisioning		Yes	PROVISION_ENABLE	4.3.5	
				Standard File URL		Yes	CFG_STANDARD_FILE_PATH	4.3.5	
				Product File URL		Yes	CFG_PRODUCT_FILE_PATH	4.3.5	
				Master File URL		Yes	CFG_MASTER_FILE_PATH	4.3.5	
				Cyclic Auto Resync		Yes	CFG_CYCLIC	4.3.5	
				Resync Interval		Yes	CFG_CYCLIC_INTVL	4.3.5	
				Header Value for Resync Event		Yes	CFG_RESYNC_FROM_SIP	4.3.5	
							CFG_FILE_KEY1	4.3.5	
			CFG_FILE_KEY2	4.3.5					
			CFG_FILE_KEY3	4.3.5					
			CFG_FILE_KEY_LENGTH	4.3.5					
			CFG_RTRY_INTVL	4.3.5					
			CFG_RESYNC_TIME	4.3.5					
Reset to Defaults	-	3.8.4			Yes				
Restart	-	3.8.5			Yes				
Other settings	Syslog Settings	Syslog Settings	-				SYSLOG_EVENT_SIP	4.3.3	
							SYSLOG_EVENT_CFG	4.3.3	
							SYSLOG_EVENT_VOIP	4.3.3	
							SYSLOG_EVENT_TEL	4.3.3	
							SYSLOG_ADDR	4.3.3	
							SYSLOG_PORT	4.3.3	
							SYSLOG RTPSMPLY_INTVL [1-8]	4.3.3	
							SYSLOG_SETTING_ENABLE	4.4.7	
Miscellaneous Network	Miscellaneous Network Settings	-				CUSTOM_WEB_PAGE	4.4.7		