

Parameter List

(KX-UT670 series)

No.23-003

November 30, 2011

Ver 1.0

Panasonic Corporation

Abstract

1.About this document

This document lists all parameters in UT670 provided by either WEB or a configuration file, or both.

2.Revision history

Date	Version	Revision	Firmware version
Nov 30, 2011	ver 1.0	Initial Release	01.022

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 This setting can also be configured through other programming methods (phone user interface programming or configuration file programming).

*3 If your phone system dealer does not allow you these settings, you cannot change them even though the unit shows the setting menu. Contact your phone system dealer for further information.

*4 This setting can also be configured through configuration file programming.

*5 This setting can also be configured through phone user interface programming.

*6 Chapter number in Administrator guide of Web User Interface Programming

*7 Chapter number in Administrator guide of Configuration File Programming

WEB Settings				Configuration File				
	Menu Item	Section Title	Chapter number(*6)	Parameter in the Web Setting	Access Level(*1)		Parameter in a Configuration File	Chapter number(*7)
					U	A		
Status	Version Information	Version Information	4.3.1.1	Model	Yes	Yes		
				OS Version	Yes	Yes		
				Firmware Version	Yes	Yes		
	Network Status	Network Status	4.3.2.1	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	4.3.3.1	Line No.	Yes	Yes		
Phone Number				Yes	Yes			
VoIP Status				Yes	Yes			
Network	Basic Network Settings	Connection Mode	4.4.1.1	Connection Mode*2	Yes(*3)	Yes		
				DHCP Settings	4.4.1.2	Host Name*4		Yes
		Static Settings	4.4.1.3	Domain Name Server*2	Yes(*3)	Yes		
				Static IP Address*2	Yes(*3)	Yes		
				Subnet Mask*2	Yes(*3)	Yes		
				Default Gateway*2	Yes(*3)	Yes		
				DNS1*2	Yes(*3)	Yes		
		DNS Settings (This item is not in web setting)	-	DNS2*2	Yes(*3)	Yes		
	Ethernet Port Settings	Link Speed/Duplex Mode	4.4.2.1	LAN Port*5		Yes		
				PC Port *5		Yes		
		VLAN Settings	4.4.2.2	Enable VLAN*2		Yes	VLAN_ENABLE	5.5.1
				IP Phone	-	-		-
				VLAN ID*2		Yes	VLAN_ID_IP_PHONE	5.5.1
				Priority*2		Yes	VLAN_PRI_IP_PHONE	5.5.1
				PC	-	-		-
				VLAN ID*2		Yes	VLAN_ID_PC	5.5.1
	Priority*2		Yes	VLAN_PRI_PC	5.5.1			
	HTTP Client Settings	HTTP Client Settings	4.4.3.1	HTTP Version*4		Yes	HTTPD_PORTOPEN_AUTO	5.5.2
				HTTP User Agent*4		Yes	HTTP_VER	5.5.2
							HTTP_USER_AGENT	5.5.2
		HTTP Authentication	4.4.3.2	Authentication ID	Yes	Yes	HTTP_SSL_VERIFY	5.5.2
				Authentication Password	Yes	Yes	CFG_ROOT_CERTIFICATE_PATH	5.5.2
				Enable Proxy		Yes		
	Proxy Server Settings	4.4.3.3	Proxy Server Address		Yes			
			Proxy Server Port		Yes			
			Detection Method		Yes			
	Global Address Detection	Global Address Detection	4.4.4.1	Detection Interval		Yes		
				STUN Server Address*4		Yes	STUN_SERV_ADDR	5.5.4
		STUN Server	4.4.4.2	STUN Server Port*4		Yes	STUN_SERV_PORT	5.5.4
							STUN_2NDSERV_ADDR	5.5.4
							STUN_2NDSERV_PORT	5.5.4
Static NAPT Settings	Global IP Address	4.4.5.1	Global IP Address		Yes			
	Enable Global IP Address Usage per Line	4.4.5.2	Line 1–Line6		Yes			
	External RTP	4.4.5.3	Channel 1–25		Yes			
System	Web Language	Web Language	4.5.1.1	Language	Yes	Yes		
	Administrator Password	Change Administrator Password	4.5.2.1	Current Password		Yes	ADMIN_PASS	5.4.1
				New Password*2		Yes	ADMIN_PASS	5.4.1
				Confirm New Password*2		Yes	ADMIN_PASS	5.4.1
							ADMIN_ID	5.4.1
	Change User Password	Change User Password	4.5.3.1	Current Password	Yes	Yes	USER_PASS	5.4.1
				New Password*2	Yes	Yes	USER_PASS	5.4.1
				Confirm New Password*2	Yes	Yes	USER_PASS	5.4.1
	Web Server Settings	Web Server Settings	4.5.4.1	Web Server Port		Yes	USER_ID	5.4.1
				Port Close Timer		Yes		

		WEB Settings				Configuration File			
	Menu Item	Section Title	Chapter number(*6)	Parameter in the Web Setting	Access Level(*1)		Parameter in a Configuration File	Chapter number(*7)	
					U	A			
VoIP	SIP Settings	SIP Setting	4.6.1.1	SIP User Agent*2		Yes	SIP_USER_AGENT	5.8.2	
	SIP Settings [Line 1]–[Line 6]	Phone Number	4.6.2.1	Phone Number*2		Yes	PHONE_NUMBER_n	5.8.2	
				SIP URI*2		Yes	SIP_URI_n	5.8.2	
		SIP Server	4.6.2.2	Registrar Server Address*2		Yes	SIP_RGSTR_ADDR_n	5.8.2	
				Registrar Server Port*2		Yes	SIP_RGSTR_PORT_n	5.8.2	
				Proxy Server Address*2		Yes	SIP_PRXY_ADDR_n	5.8.2	
				Proxy Server Port*2		Yes	SIP_PRXY_PORT_n	5.8.2	
				Presence Server Address*2		Yes	SIP_PR SNC_ADDR_n	5.8.2	
				Presence Server Port*2		Yes	SIP_PR SNC_PORT_n	5.8.2	
		Outbound Proxy Server	4.6.2.3	Outbound Proxy Server Address*2		Yes	SIP_OUTPROXY_ADDR_n	5.8.2	
		SIP Service Domain	4.6.2.4	Service Domain*2		Yes	SIP_SVCDOMAIN_n	5.8.2	
		SIP Source Port	4.6.2.5	Source Port*2		Yes	SIP_SRC_PORT_n	5.8.2	
		SIP Authentication	4.6.2.6	Authentication ID*2		Yes	SIP_AUTHID_n	5.8.2	
				Authentication Password*2		Yes	SIP_PASS_n	5.8.2	
		DNS	4.6.2.7	Enable DNS SRV lookup*2		Yes	SIP_DNSSRV_ENA_n	5.8.2	
				SRV lookup Prefix for UDP*2		Yes	SIP_UDP_SRV_PREFIX_n	5.8.2	
		Transport Protocol of SIP	4.6.2.8	Transport Protocol*2		Yes	SIP_TRANSPORT_n	5.8.2	
							Yes	SIP_TIMER_T1_n	5.8.2
		Timer Settings	4.6.2.9		T2 Timer*2		Yes	SIP_TIMER_T2_n	5.8.2
					Timer B*2		Yes	SIP_TIMER_B_n	5.8.2
	Timer D*2					Yes	SIP_TIMER_D_n	5.8.2	
	Timer F*2					Yes	SIP_TIMER_F_n	5.8.2	
	Timer H*2					Yes	SIP_TIMER_H_n	5.8.2	
	Timer J*2					Yes	SIP_TIMER_J_n	5.8.2	
								Yes	SIP_TIMER_T4_n
						REG_EXPIRE_TIME_n	5.8.2		
						REG_INTERVAL_RATE_n	5.8.2		
	Quality of Service (QoS)	4.6.2.10	SIP Packet QoS (DSCP)*2		Yes	DSCP_SIP_n	5.8.2		
	SIP extensions	4.6.2.11	Supports 100rel (RFC 3262)*2		Yes	SIP_100REL_ENABLE_n	5.8.2		
			Supports Session Timer (RFC4028)*2		Yes	SIP_SESSION_TIME_n	5.8.2		
	NAT Identity	4.6.2.12	Keep Alive Interval*2		Yes	PORT_PUNCH_INTVL_n	5.8.2		
			Supports Rport (RFC 3581)*2		Yes	SIP_ADD_RPORT_n	5.8.2		
	Security	4.6.2.13	Enable SSAFE (SIP Source Address Filter)*2		Yes	SIP_DETECT_SSAFE_n	5.8.2		
						SIP_RCV_DET_HEADER_n	5.8.2		
	other settings						SIP_2NDPROXY_ADDR_n	5.8.2	
							SIP_2NDPROXY_PORT_n	5.8.2	
							SIP_2NDRGSTR_ADDR_n	5.8.2	
							SIP_2NDRGSTR_PORT_n	5.8.2	
							SIP_FOVR_NORSP_n	5.8.2	
							SIP_FOVR_MAX_n	5.8.2	
							SIP_18X_RTX_INTVL_n	5.8.2	
							SIP_2NDPR SNC_ADDR_n	5.8.2	
							SIP_2NDPR SNC_PORT_n	5.8.2	
							USE_DEL_REG_OPEN_n	5.8.2	
									SIP_SUBS_EXPIRE_n
								SUB_RTX_INTVL_n	5.8.2
								REG_RTX_INTVL_n	5.8.2
								SIP_P_PREFERRED_ID_n	5.8.2
								SIP_PRIVACY_n	5.8.2
								ADD_USER_PHONE_n	5.8.2
								SDP_USER_ID_n	5.8.2
								SUB_INTERVAL_RATE_n	5.8.2
								SIP_ANM_DISPNAME_n	5.8.2
								SIP_ANM_USERNAME_n	5.8.2
								SIP_ANM_HOSTNAME_n	5.8.2
								SIP_CONTACT_ON_ACK_n	5.8.2
								LINE_ENABLE_n	5.8.2
								PROFILE_ENABLE_n	5.8.2
								SIP_SESSION_METHOD_n	5.8.2
								SIP_REFRESHER_n	5.8.2
								SIP_INVITE_EXPIRE_n	5.8.2
								ADD_TRANSPORT_UDP_n	5.8.2
								ADD_EXPIRES_HEADER_n	5.8.2
								SIP_HOLD_HOLDRECEIVE_n	5.8.2
								SIP_ADD_DIVERSION_n	5.8.2
								SIP_RESPONSE_CODE_DND	5.8.2
								SIP_RESPONSE_CODE_CALL_REJECT	5.8.2
					INTERNATIONAL_ACCESS_CODE	5.8.2			
VoIP Settings	RTP Settings	4.6.3.1	RTP Packet Time*2		Yes	RTP_PTME	5.7.2		
			Minimum RTP Port Number*2		Yes	RTP_PORT_MIN	5.7.2		
			Maximum RTP Port Number*2		Yes	RTP_PORT_MAX	5.7.2		
						RTCP_SEND_BY_SDP_n	5.7.2		
						RTP_CLOSE_ENABLE_n	5.7.2		
			Telephone-event Payload Type*2		Yes	TELEVENT_PAYLOAD	5.7.2		

WEB Settings							Configuration File				
	Menu Item	Section Title	Chapter number(*6)	Parameter in the Web Setting	Access Level(*1)		Parameter in a Configuration File	Chapter number(*7)			
					U	A					
VoIP	VoIP Settings [Line 1]–[Line 4]	Quality of Service (QoS)	4.6.4.1	RTP Packet QoS (DSCP)*2		Yes	DSCP_RTP_n	5.7.2			
		Statistical Information	4.6.4.2	RTCP Enable*2		Yes	RTCP_ENABLE_n	5.7.2			
				RTCP Interval*2		Yes	RTCP_INTVL_n	5.7.2			
		Jitter Buffer	4.6.4.3	Maximum Delay*2		Yes	MAX_DELAY_n	5.7.2			
				Minimum Delay*2		Yes	MIN_DELAY_n	5.7.2			
				Initial Delay*2		Yes	NOM_DELAY_n	5.7.2			
		DTMF	4.6.4.4	DTMF Type*2		Yes	OUTBANDDTMF_n	5.7.3			
							DTMF_SIGNAL_LEN	5.7.3			
							DTMF_INTDIGIT_TIM	5.7.3			
		Call Hold	4.6.4.6	Supports RFC 2543 (c=0.0.0.0)*2		Yes	RFC2543_HOLD_ENABLE_n	5.7.3			
		CODEC Preferences	4.6.4.6	G722		-	-				
				Enable*2		Yes	CODEC_ENABLE0_n	5.7.1			
				Priority*2		Yes	CODEC_PRIORITY0_n	5.7.1			
				PCMA		-	-				
				Enable*2		Yes	CODEC_ENABLE1_n	5.7.1			
				Priority*2		Yes	CODEC_PRIORITY1_n	5.7.1			
				G729A		-	-				
				Enable*2		Yes	CODEC_ENABLE3_n	5.7.1			
				Priority*2		Yes	CODEC_PRIORITY3_n	5.7.1			
				PCMU		-	-				
Enable*2				Yes	CODEC_ENABLE4_n	5.7.1					
Priority*2				Yes	CODEC_PRIORITY4_n	5.7.1					
					CODEC_G711_REQ	5.7.1					
					CODEC_G729_PARAM	5.7.1					
Telephone	Call Control	Call Control	4.7.1.1	Send SUBSCRIBE to Voice Mail Server*2		Yes	VM_SUBSCRIBE_ENABLE	5.6.1			
				Inter-digit Timeout*2		Yes	INTDIGIT_TIM	5.6.1			
				Timer for Dial Plan*2		Yes	MACRODIGIT_TIM	5.6.1			
				International Call Prefix*2		Yes	INTERNATIONAL_ACCESS_CODE	5.6.1			
				Country Calling Code*2		Yes	COUNTRY_CALLING_CODE	5.6.1			
				National Access Code*2		Yes	NATIONAL_ACCESS_CODE	5.6.1			
				Default Line for Outgoing*2		Yes	DEFAULT_LINE_SELECT	5.6.1			
				Flash/Recall Button*2		Yes	FLASH_RECALL_TERMINATE	5.6.1			
				Flash Hook Event*2		Yes	FLASHHOOK_CONTENT_TYPE	5.6.1			
				Direct Call Pickup*2		Yes	NUM_PLAN_PICKUP_DIRECT	5.6.1			
							DATA_LINE_MODE	5.6.1			
							TALK_PACKAGE	5.6.1			
							HOLD_PACKAGE	5.6.1			
							HOLD_RECALL_TIM	5.6.1			
							AUTO_ANS_RING_TIM	5.6.1			
							RINGING_OFF_SETTING_ENABLE	5.6.1			
							AUTO_CALL_HOLD	5.6.1			
							REDIALKEY_CALLLOG_ENABLE	5.6.1			
				ONHOOK_TRANSFER_ENABLE	5.6.1						
				DISCONNECTION_MODE	5.6.1						
				TONE_LEN_DISCONNECT_HANDSET	5.6.1						
				TONE_LEN_DISCONNECT_HANDSFREE	5.6.1						
				FIRSTDIGIT_TIM	5.6.1						
	Call Rejection Phone Numbers	4.7.1.2	1–30		Yes	Yes					
	Call Control [Line1]–[Line 4]	Call Control	4.7.2.1	Display Name*2		Yes	Yes	DISPLAY_NAME_n	5.8.1		
				Voice Mail Access Number*2		Yes	Yes	VM_NUMBER_n	5.8.1		
				Resource List URI*2		Yes	Yes	RESOURCELIST_URI_n	5.8.1		
										CW_ENABLE_n	5.8.1
		Dial Plan	4.7.2.2	Dial Plan (max 500 columns)*2		Yes	Yes	DIAL_PLAN_n	5.8.1		
				Call Even If Dial Plan Does Not Match*2		Yes	Yes	DIAL_PLAN_NOT_MATCH_ENABLE_n	5.8.1		
		Call Features	4.7.2.3	Block Caller ID		Yes	Yes				
				Block Anonymous Call		Yes	Yes				
				Do Not Disturb		Yes	Yes				
		Call Forward	4.7.2.4	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								
Phone Number		Yes	Yes								
Ring Count		Yes	Yes								
Flexible Button Settings	Flexible Button Settings						FLEX_BUTTON_FACILITY_ACTx	5.6.4			
							FLEX_BUTTON_FACILITY_ARGx	5.6.4			
								FLEX_BUTTON_LABELx	5.6.4		

			WEB Settings			Configuration File		
	Menu Item	Section Title	Chapter number(*6)	Parameter in the Web Setting	Access Level(*1)		Parameter in a Configuration File	Chapter number(*7)
					U	A		
Telephone	Tone Settings	Dial Tone	4.7.4.1	Tone Frequencies*2		Yes	DIAL_TONE1_FRQ	5.6.2
				Tone Timings*2		Yes	DIAL_TONE1_TIMING	5.6.2
							DIAL_TONE1_GAIN	5.6.2
							DIAL_TONE2_FRQ	5.6.2
					DIAL_TONE2_GAIN	5.6.2		
					DIAL_TONE2_TIMING	5.6.2		
		Busy Tone	4.7.4.2	Tone Frequencies*2		Yes	BUSY_TONE_FRQ	5.6.2
				Tone Timings*2		Yes	BUSY_TONE_TIMING	5.6.2
							BUSY_TONE_GAIN	5.6.2
		Ringing Tone	4.7.4.3	Tone Frequencies*2		Yes	RINGBACK_TONE_FRQ	5.6.2
				Tone Timings*2		Yes	RINGBACK_TONE_TIMING	5.6.2
							RINGBACK_TONE_GAIN	5.6.2
		Stutter Tone	4.7.4.4	Tone Frequencies*2		Yes	DIAL_TONE4_FRQ	5.6.2
				Tone Timings*2		Yes	DIAL_TONE4_TIMING	5.6.2
							DIAL_TONE4_GAIN	5.6.2
		Reorder Tone	4.7.4.5	Tone Frequencies*2		Yes	REORDER_TONE_FRQ	5.6.2
				Tone Timings*2		Yes	REORDER_TONE_TIMING	5.6.2
							REORDER_TONE_GAIN	5.6.2
		Hold Tone	-				HOLD_TONE_FRQ	5.6.2
							HOLD_TONE_GAIN	5.6.2
						HOLD_TONE_TIMING	5.6.2	
	Hold Alarm Tone	-				HOLD_ALARM_FRQ	5.6.2	
						HOLD_ALARM_GAIN	5.6.2	
						HOLD_ALARM_TIMING	5.6.2	
	CW Tone					CW_TONE1_FRQ	5.6.2	
						CW_TONE1_GAIN	5.6.2	
						CW_TONE1_TIMING	5.6.2	
	Telephone Settings	Telephone Settings	4.7.4.1	Number Matching Lower Digit*2		Yes	NUMBER_MATCHING_LOWER_DIGIT	5.6.3
				Number Matching Upper Digit*2		Yes	NUMBER_MATCHING_UPPER_DIGIT	5.6.3
							DISPLAY_NAME_REPLACE	5.6.3
						DISPLAY_DATE_PATTERN	5.6.3	
						DISPLAY_TIME_PATTERN	5.6.3	
						DEFAULT_LANGUAGE	5.6.3	
						POUND_KEY_DELIMITER_ENABLE	5.6.3	
Maintenance	Firmware Maintenance	Firmware Maintenance	4.8.1.1	Enable Firmware Update*2		Yes	FIRM_UPGRADE_ENABLE	5.3.4
				Firmware File URL*2		Yes	FIRM_FILE_PATH	5.3.4
						FIRM_VERSION	5.3.4	
						OPTION66_ENABLE	5.3.5	
	Provisioning Maintenance	Provisioning Maintenance	4.8.2.1	Enable Provisioning*2		Yes	PROVISION_ENABLE	5.4.5
				Standard File URL*2		Yes	CFG_STANDARD_FILE_PATH	5.4.5
				Product File URL*2		Yes	CFG_PRODUCT_FILE_PATH	5.4.5
				Master File URL*2		Yes	CFG_MASTER_FILE_PATH	5.4.5
				Cyclic Auto Resync*2		Yes	CFG_CYCLIC	5.4.5
				Resync Interval*2		Yes	CFG_CYCLIC_INTVL	5.4.5
				Header Value for Resync Event*2		Yes	CFG_RESYNC_FROM_SIP	5.4.5
							CFG_FILE_KEY1	5.4.5
							CFG_FILE_KEY2	5.4.5
							CFG_FILE_KEY3	5.4.5
				CFG_FILE_KEY_LENGTH	5.4.5			
			CFG_RTRY_INTVL	5.4.5				
			CFG_RESYNC_TIME	5.4.5				
Reset to Defaults	Reset Web Data	4.8.3	-		Yes			
Restart	Restart	4.8.4	-		Yes			
Other settings	Syslog Settings	Syslog Settings	-				SYSLOG_ADDR	5.4.3
							SYSLOG_PORT	5.4.3
	Miscellaneous Network	Miscellaneous Network Settings	-				NW_SETTING_ENABLE	5.5.5
							CUSTOM_WEB_PAGE	5.5.5