



ICW-1000G V1.1.7 Release Notes

Incom Inc.
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1. Preface

ICW1000 Global Release Note

1.1 Revised History

ISSUE	DATE	RESP. ENGR.	DESCRIPTION
01	2014-01-14	Cheongi Kim	V0.9.6 first release
02	2014-03-11	Cheongi Kim	V0.9.7
03	2014-04-15	Cheongi Kim	V0.9.8
04	2014-05-08	Cheongi Kim	V0.9.9
05	2014-05-19	Cheongi Kim	V0.9.10
06	2014-06-05	Cheongi Kim	V0.9.11
07	2014-06-30	Cheongi Kim	V1.0.1
08	2014-08-08	Cheongi Kim	V1.0.2
09	2014-11-24	Cheongi Kim	V1.0.3
10	2014-12-23	Cheongi Kim	V1.0.4
11	2015-03-17	Cheongi Kim	V1.0.5
12	2015-07-16	Cheongi Kim	V1.0.6
13	2015-10-26	Cheongi Kim	V1.0.7
14	2016-05-25	Cheongi Kim	V1.0.8
15	2016-07-12	Cheongi Kim	V1.0.9
16	2017-03-20	Cheongi Kim	V1.1.1
17	2017-04-27	Cheongi Kim	V1.1.2
18	2017-05-26	Cheongi Kim	V1.1.3
19	2017-11-16	Cheongi Kim	V1.1.4
20	2019-02-19	Cheongi Kim	V1.1.5
21	2019-05-22	Cheongi Kim	V1.1.6
22	2020-01-01	Cheongi Kim	V1.1.7

2. Overview

2.1 V1.1.7

- Release Date: 2020-01-01
- Added history
- Revised history
 - Change permission of 'Reset' to admin password(default:000000)
 - Fix connection error in WPA/WPA2 Mixed(in case group and pairwise cipher is different)
 - Fix SRTP(Secure RTP) key parsing error
 - Fix time display after 2020
- Well-Known Issues

2.2 V1.1.6

- Release Date: 2019-05-22
- Added history
 - Support LDAP addressbook
- Revised history
- Well-Known Issues

2.3 V1.1.5

- Release Date: 2019-02-19
- Added history
 - Factory reset via PC-Sync
 - Answer call by picking up from charger station. You can set through user menu.
Phone Settings>Preference>Answer Mode>Auto Pick-Up
- Revised history
 - Add Reason header parser (Modify missed call routine based on Reason header in CANCEL).
 - Power off by end key in temporary key unlock.
 - Update supplicant
 - Apply ring type on phone book
 - Change default time zone to Seoul of Korean version
 - Edit dial number
 - Fix one way using SRTP in case 183 and 200 have different crypto info.
 - Phonebook download via http provisioning
- Well-Known Issues

2.4 V1.1.4

- Release Date: 2017-11-16
- Added history
 - Test Firmware
- Revised history
- Well-Known Issues

2.5 V1.1.3

- Release Date: 2017-05-26
- Added history
- Revised history
 - Fix media payload attribute composing fault in SDP
- Well-Known Issues

2.6 V1.1.2

- Release Date: 2017-04-27
- Added history
 - Support DNS-SRV
- Revised history
- Well-Known Issues

2.7 V1.1.1

- Release Date: 2017-03-20
- Added history
 - Support STUN
 - ◆ [NETWORKx]
NAT_Traversal_Mode = 0 (default disable)
STUN_Server =
STUN_Port =
 - Support syslog
 - Support auto answer (Phone Settings > Feature > Auto Answer)
 - ◆ Operate speaker phone mode
 - Support character input
 - ◆ Russian
 - ◆ Greek
 - ◆ Turkish
 - Support HTTP Push
 - ◆ Refer to Web Developer's Guide
- Revised history

- Support special character input in 802.1x setup menu
- Add option to hide WLAN softkey
 - ◆ [UI]
WLAN_Softkey_Enable = 1 (default enable)
- Support xml format phonebook download
- Well-Known Issues

2.8 V1.1.0

- Release Date: 2016-12-15
- Added history
 - Test firmware
- Revised history
- Well-Known Issues

2.9 V1.0.9

- Release Date: 2016-07-12
- Added history
 - Add Supporting Language
 - ◆ Greek
 - ◆ Russian
 - ◆ Polish
 - Support OpenVPN
- Revised history
 - Change default Value of
 - ◆ [SIP]
 - ◆ Include_Allow_On_Register
 - ◆ Include_Allow_On_Invite
- Well-Known Issues

2.10 V1.0.8

- Release Date: 2016-05-25
- Added history
 - Add Parameter of selecting 2nd Call reject or 1st Call end during call(0: 2nd Call reject, 1: 1st Call end)
 - ◆ [BASIC_CALL]
 - ◆ End_Active_Call_by_Endkey = 0
 - Change access right of password display menu to admin authority
 - Add Provisioning menu in Web interface > system > load & upgrade via tftp
 - Change boot logo
 - Add timezone (Atlantic standard time, newfoundland standard time, Adelaide)

- Revised history
 - Media channel update with direction switching (fix for no rtp with same ip, port between 183 SDP and 200 SDP)
 - Add AR6003 Tx fail watchdog
- Well-Known Issues

2.11 V1.0.7

- Release Date: 2015-10-26
- Added history
 - Add PHY mode configuration
 - ◆ [WIFI]
 - ◆ PhyMode=3 (1:11A mode, 2:11G mode, 3:11AG mode)
- Revised history
 - Fix DST(Daylight Saving Time) Text align
 - Fix Root certificate download Problem(802.1x, EAP-TLS)
 - Fix Transfer fail popup (add exception 100Trying for NOTIFY)
 - Disable Power off by END key in Key Lock mode
 - 480(Temporarily Unavailable) response in DND(Do Not Disturb) mode
 - Adjust WLAN Tx Power of low channel(2412 ~ 2432)
- Well-Known Issues

2.12 V1.0.6

- Release Date: 2015-07-16
- Added history
- Revised history
 - Switch openssl from v1.0.1e to v0.9.8l
 - Change MIC Bias value (7 -> 5)
 - Fix remote reboot by 'check_sync'
- Well-Known Issues

2.13 V1.0.5

- Release Date: 2015-03-17
- Added history
 - Support HTTPS with certificate authentication in provisioning
- Revised history
 - Update wlan scan results in WPA layer
 - Fix segmentation fault in coder setting menu
 - Support pickup receiving INVITE with 'replaces'

- DST(Daylight Saving Time) setting in southern hemispear
 - Model check in firmware upgrade
 - Change default roaming threshold to -70dB
 - Set random seed in SIP
 - ◆ Fix same call-id issue
 - Fix 415 response with no-sdp INVITE issue
 - Change default roaming threshold to -70dB
 - Add MIC gain setting parameter
 - ◆ [BASIC_CALL]
 - ◆ MIC_Gain=2 [2~3]
 - Change SRTP setting parameter
 - ◆ [RTP_RTCP]
 - ◆ Use_SRTP=0 [0:disable, 1:enable, 2:optional]
- Well-Known Issues

2.14 V1.0.4

- Release Date: 2014-12-23
- Added history
 - Support ISO8859-9 (Turkish)
- Revised history
 - Increase receiver volume (Up receiver volume max 3dB with below configuration, range: 0~17)
 - ◆ [BASIC_CALL]
 - ◆ Receiver_Volume_Boost=0
 - Apply HTTP URL path with provisioning
 - ◆ [PROVISION]
 - ◆ Configuration_URL=http://host:port/path1/path2
 - Send OPTIONS for NAT keepalive
 - ◆ [SIP]
 - ◆ Enable_STUN_OPTIONS=0
 - ◆ Options_Expire=20
 - Add main UI menu mode selection (Shortcut menu, Top menu)
 - ◆ Phone Settins > Preference > Main Menu Mode
- Well-Known Issues

2.15 V1.0.3

- Release Date: 2014-11-24
- Added history
 - Support G.722
 - Support SIP/TLS & SRTP

- ◆ SIP Root Certificate download (Phone Settings>Admin. Menu>Certs Manager>Down SIP RootCA)
- ◆ [SIP]
- ◆ Enable_TCP_TLS=0
- ◆ [RTP_RTCP]
- ◆ Use_SRTP=0
- Revised history
 - AEC(Acoustic Echo Canceller) mode set
 - ◆ [BASIC_CALL]
 - ◆ Echo_Canceller_Mode=3
 - Fix MWI message-account saving to VMS-Alias problem
- Well-Known Issues

2.16 V1.0.2

- Release Date: 2014-08-08
- Added history
- Revised history
 - Fix unsupported media type handling (response with 415)
 - Improve no responding PTT(Push to Talk) in suspend
- Well-Known Issues

2.17 V1.0.1

- Release Date: 2014-06-30
- Added history
 - Support PTT(Push to Talk) using multicast
 - ◆ Phone Settings>Feature>Push to Talk
- Revised history
 - SSL error display using https in Web interface
- Well-Known Issues

2.18 V0.9.11

- Release Date: 2014-06-05
- Added history
 - Support DHCP Option 66
 - Change boot log

- Support 'dialog' event SUBSCRIBE method (response with NOTIFY)
- Add Pickup menu
 - ◆ Phone Settings>Feature>Pickup
- Revised history
 - Call send/receive by speaker phone button(Speaker phone mode operation)
 - Profile adding with IP layer success
 - Fix call receiving error with repeated 422
- Well-Known Issues

2.19 V0.9.10

- Release Date: 2014-05-19
- Released for test DHCP option 66

2.20 V0.9.9

- Release Date: 2014-05-08
- Released for Factory test mode refactoring

2.21 V0.9.8

- Release Date: 2014-04-15
- Added history
 - Firmware Upgrade via Web Interface
 - ◆ Setup>System>Firmware Upgrade
- Revised history
 - Keep 2nd call during 1st call ringing state
 - Add 'Allow' field in REGISTER, INVITE method
 - ◆ [SIP]
 - ◆ Include_Allow_On_Register = 0
 - ◆ Include_Allow_On_Invite = 0
- Well-Known Issues

2.22 V0.9.7

- Release Date: 2014-03-11
- Added history
 - Support AMR codec
 - Add Password show/hidden mode : Phone Settings>Preference>Password Disp.

- Revised history
 - Remove Popup in key lock/unlock
 - Modify WLAN profile add
 - ◆ Add WLAN profile menu : Phone Settings>Status>WLAN profile
 - ◆ Automatically add WLAN profile
 - ◆ Change predefined WLAN profile number to 12
 - Support first key input with LCD Off
 - Default Enable PC-Sync (Password: 000000)
 - Fix delayed response when key is pressed

- Well-Known Issues

2.23 V0.9.6

- Release Date: 2014-01-14