



# ICW-1000G V1.1.3 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

## 2. Overview

### 2.1 V1.1.3

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

### 2.2 V1.1.2

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

### 2.3 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

## 2.4 V1.1.0

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

## 2.5 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

## 2.6 V1.0.8

- Release Date: 2016-05-25
- Added history
  - Add Parameter of selecting 2<sup>nd</sup> Call reject or 1<sup>st</sup> Call end during call(0: 2<sup>nd</sup> Call reject, 1: 1<sup>st</sup> 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

## 2.7 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

## 2.8 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

## 2.9 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

## 2.10 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

## 2.11 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

## 2.12 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

## 2.13 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

## 2.14 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

## 2.15 V0.9.10

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

## 2.16 V0.9.9

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

## 2.17 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 1<sup>st</sup> call ringing state
  - Add 'Allow' field in REGISTER, INVITE method
    - ◆ [SIP]
    - ◆ Include\_Allow\_On\_Register = 0
    - ◆ Include\_Allow\_On\_Invite = 0
- Well-Known Issues

## 2.18 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

## 2.19 V0.9.6

- Release Date: 2014-01-14