

# Release Notes

## LQ Series V4.0.52.5 RELEASE NOTES



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## 1 Introduction

### 1.1 Scope

This document describes the release of the LQ product family

### 1.2 V4.0.52.5

- SIP Frame size fix
- USB upgrade fix
- uBoot CCM version fix
- Some HTTPS fixes
- Security Patch (now refusing SSLv2, SSLv3 & TLSv1.0)

Bugs fixed:

40314	Browser redirection fails when using EasyDNS certificate and changing to DHCP
40610	CCM failed to redirect correctly to the new IP address
40404	SIP has bad audio when frame size isn't 20ms
40640	LQ time becomes 00:00:00 after pressing Regenerate (certificate)
40931	Unable to upgrade from USB flash drive on front panel
41153	Don't allow SSLv2, SSLv3 and TLSv1.
41161	Linking causes crash + watchdog restart of node
40874	Unexpected uboot version shown in CCM

### 1.3 V4.0.51.5

- Adding HTTPS and digital certificate management
- Adding secure signed Clear-Com software (LQ devices will only accept official signed Clear-Com software).

Bugs fixed:

38117	Agent-IC on LQ cannot connect through a firewall (missing External IP address)
37755	LQ Front Panel: GPIO LQ Output Level changing to Mic Level selects Line Level not registered
38500	By adding a 4-Wire to a channel resulted in no audio, yellow ports status on assignment page
37849	Agent-IC Authentication error code when entering a bad username or password has been added

### 1.4 v4.0.19.2

- Added IP Telephony SIP and Agent-IC support
- Linking with HelixNet 4.0
- CCM for LQ and for HelixNet made more similar

### 1.5 v3.0.30

Bugs fixed:

30326	LQ 4-wire port data pin configuration is not retained on power cycle / LQ not lighting up MVX indicator
28777	Unable to use LAN/WAN Routed Network linking option
27864	LQ units stuck in acquiring IP address loop and device unreachable

### 1.6 v3.0.27

**1.7 v2.0.38**

Bugs fixed:

	Wrapping of text in assignment page
	Improved stability when changing between networks (symptom, corrupted pages)
	Improved resized pages when zoomed

**1.8 v1.0.37**

Bugs fixed:

	Garbled/missing audio under certain network conditions.
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**What is HTTPS?**

HTTPS is an adaptation of the HTTP protocol. It is commonly used for security when sending sensitive data over a network. (HTTP means Hypertext Transfer Protocol. HTTP is the underlying protocol used by the World Wide Web and this protocol defines how messages are formatted and transmitted).

HTTPS protects against an intermediary being able to intercept data between devices. HTTPS uses data encryption and Public Key Cryptography to create a secured channel.

**Why use HTTPS on LQ?**

When using the LQ Core Configuration Manager (CCM) to establish your intercom setup, you might wish to protect your login credentials and configuration details from unauthorized interference. In this case you will establish an encrypted connection between the CCM and the LQ devices using HTTPS.

**The basics of HTTPS LQ and web browsers**

- Default LQ supports HTTPS & HTTP
- Option “HTTPS only” (secure)
  - Needs Certification Authority. There are 3 options
    - Clear-Com self-signed certificate (default)
    - User’s own certificate
    - EasyDNS security certificate
  - All LQs in Link Group need to switch to HTTPS only and have the same certificate
  - All browsers that connect to LQ (HTTPS only) link group need to have the same certificate (as the LQ devices) installed.

## 2 Part Number Reference

### 2.1 Firmware

Part No	Description	File Type	Production Rev	Dev Issue	Last updated in Release
780G059	LQ Series Software	Ext3.gz	4.0.52.3	D	4.0.52.5

### 2.2 Documentation

Part No	Description	Production Rev	Doc Issue	Last updated in Release
399G228	LQ Series Quick Start Guide	A	A	4.0.19.2
399G227	LQ Series User Guide	C	C	4.0.51.5
399G254	LQ Series Release Notes	A	A	4.0.52.5

