
	<b>Service Pack Release Letter</b> <b>MIC612</b> <b>MIC612 SC Main 1.15.00.03 &amp; 1.14.00.10</b>	Version: 01.00
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Release Notes 01.00			Last Checked-In:	2012- Jan-25
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## Service Pack Release Letter

### 1. Introduction

#### 1.1 Disclaimer of Warranty

Bosch Security Systems, Inc. makes no representations or warranties, either expressed or implied, by or with respect to anything in this document, and shall not be liable for any implied warranties of merchantability or fitness for a particular purpose or for any indirect, special or consequential damages.

#### 1.2 Purpose

The purpose of the *Service Pack Release Letter* document is to communicate major new features and changes in this release of the MIC612 product. It also documents component compatibility, workarounds, and any feature restrictions.

#### 1.3 Scope

This document describes the Service Pack Release for MIC612, which includes the following components:


Component	Version
MIC612 System Controller (MIC612Main.G4)	1.15.00.03
MIC612 System Controller (MIC612Main.G4)	1.14.00.10 (For information only. Changes made in this version are part of latest version)

### 2. About This Service Pack Release

- This is an Engineering Release of the firmware components identified section 1.3.

### 3. Hardware Changes

None.

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## 4. Software Changes

This section identifies enhancements and defect resolutions provided in the latest Service Pack for the MIC612.

On MIC612 cameras produced before 2013, FPGA firmware should also be updated. It is recommended that you first update the MIC 612 SC Main firmware, and then update the FPGA firmware to latest version (v4.03.00.01 or later).

### 4.1 Enhancements


The following **ENHANCEMENTS** have been resolved for this delivery.

Change Request	Description	Module
IMC00007499	Enhancement of Auto White Balance settings now supports Red/Blue adjustments.	MIC612Main.G4i
IMC00006603	When Autobaud is off, current baud-rate is displayed if camera detects data with different a baud rate is being received from head-end controller.	MIC612Main.G4i
IMC00005048	Proportional P/T speed available when viewing thermal image.	MIC612Main.G4i
IMC00007028	Added support for Absolute Positioning for focus function when using FV protocol	MIC612Main.G4i
IMC00005946	Added support to modify wiper & washer functions when using Pelco protocol.	MIC612Main.G4i
IMC00004881	Thermal image now supports alarm OSD display of "LV", "HT", "LT" indicators.	MIC612Main.G4i
IMC00006479	Adds support for latest generation of thermal cores.	MIC612Main.G4i
IMC00011584	Updated copyright date on Splashscreen.	MIC612Main.G4i

### 4.2 Defects Resolved

The following **DEFECTS** have been resolved for this delivery.

Change Request	Description	Module
IMC00007041	Corrected incorrect checksum when using FV protocol.	MIC612Main.G4i
IMC00007628	Corrected problem where camera was not returning to original coordinates when wash-wipe cycle was interrupted	MIC612Main.G4i
IMC00008520	Corrected problem where camera doesn't move if Bicom Absolute Tilt command is received with value of <150 degrees.	MIC612Main.G4i
IMC00005050	Corrected limitation in address range when using Pelco protocol.	MIC612Main.G4i
IMC00006279	Removed UI option to set high/low temperature alarm settings that are not supported on models having 640 pixel thermal blocks.	MIC612Main.G4i
IMC00008790	Corrected incorrect operation when using AutoPan-within-Limits function with Pelco protocol.	MIC612Main.G4i
IMC00010473	Corrected problem with aux-mapping of Wiper functions when using Pelco protocol.	MIC612Main.G4i
IMC00010256	Corrected some strings related to custom languages.	MIC612Main.G4i
IMC00010544	Corrected problem with proportional pan/tilt speed when zoomed in.	MIC612Main.G4i
IMC00011293	Corrected display of invalid "LV" OSD message appearing after alarms.	MIC612Main.G4i
IMC00011579	Corrected loss of switched video channel status after a power cycle.	MIC612Main.G4i

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## 5. Feature Restrictions

None.


## 6. Uploading Firmware

Refer to the *AutoDome 100/600/700/800 and MIC 612 Firmware Update Manual* and to the Manual for the *Configuration Tool for Imaging Devices (CTFID)*, available at [www.boschsecurity.com](http://www.boschsecurity.com).

## 7. History

The following **ENHANCEMENTS** have been implemented in past Service Pack releases.

Change Request	Description	Module
IMC00005056	Added OSRD Digital Zoom Control for the Thermal Camera	MIC612Main.G4i
IMC00005543	Added NTCIP Digital Zoom Control for the Thermal Camera	MIC612Main.G4i
IMC00005543	Added NTCIP support of Thermal zoom control	MIC612Main.G4i
IMC00005426	Add wiper delay feature to MIC612 washer function.	MIC612Main.G4i
IMC00005484	Extended address range from 32 to 255 when using Pelco P	MIC612Main.G4i
IMC00005969	Added an option for Test Pattern when connected to CTFID	MIC612Main.G4i
IMC00006140	Added support of Vertical Bars to the test pattern	MIC612Main.G4i
IMC00005272	Correct issue with pan position	FPGA_MIC_SC_Biphase_612.G4i
IMC00002436	FV: Implement "N" command (Go To Position)	MICMain.G4i
IMC00002437	FV: Implement "O" command (Get Position)	MICMain.G4i
IMC00002438	FV: Implement "R" command (Setup Preset Tour)	MICMain.G4i
IMC00002439	FV: Implement "T" command (Start/Stop Preset Tour)	MICMain.G4i
IMC00002440	FV: Implement "W" command (Reset)	MICMain.G4i
IMC00002441	FV: Implement "Y" command (Get Software Version)	MICMain.G4i
IMC00002442	FV: Implement "a" command (Get Config)	MICMain.G4i
IMC00002443	FV: Implement "q" command (Set Config)	MICMain.G4i
IMC00002444	FV: Implement "s" command (Set Address)	MICMain.G4i
IMC00002445	FV: Implement "w" command (Set Manual Control with Proportional Zoom)	MICMain.G4i
IMC00002447	FV: Implement "~" command (Get MIC Statistics)	MICMain.G4i
IMC00002892	Send Bicom events to the OSRD serial port	MICMain.G4i
IMC00002893	Add Bicom Event for Wiper operation	MICMain.G4i
IMC00003088	Pelco D "Query Type" command now provides response message	MICMain.G4i
IMC00003219	FV: Add ability to use Bosch camera menu	MICMain.G4i

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The following **DEFECTS** have been resolved in past Service Pack releases.

Change Request	Description	Module
IMC00005918	Reversed the NTCIP Pan direction when the camera is mounted in the inverted position	MIC612Main.G4i
IMC00006113	Changed Thermal modes to "unlocked" commands	MIC612Main.G4i
IMC00006136	In Pelco protocol, thermal modes "Color 1" and "Rain" are now displayed correctly	MIC612Main.G4i
IMC00002902	Improve Bicom Commands	MICMain.G4i
IMC00002983	Alarm Menus Restore Defaults option no longer restores defaults for whole device	MICMain.G4i
IMC00002567	Improve Data migration of privacy masks via Bilinx	MICMain.G4i
IMC00003058	Scene departed event was not firing for wash/wipe	MICMain.G4i
IMC00003034	Alarm > Alarm Rules > 'Output Option' Transmit > 'Output period' would not activate.	MICMain.G4i
IMC00003237	Alarm Output Options > Type 'None' cannot be set again when another 'Type' was set before	MICMain.G4i
IMC00002919	Some of the alarm options could not be uploaded to CTFID	MICMain.G4i
IMC00003094	Adjust night mode threshold default value	MICMain.G4i
IMC00003074	Incorrect Alarm Output type provided to CTFID	MICMain.G4i
IMC00003052	Switching between Bosch and FV protocols improved	MICMain.G4i
IMC00003359	Prevent False Motion Alarms if "Wiper/Washer" is started	MICMain.G4i
IMC00003342	FV - N command: Sending max pan at max pan position caused 360 degree pan	MICMain.G4i
IMC00003373	FV: Modify the speed conversion algorithm in G-command	MICMain.G4i
IMC00003447	False Alarms were triggered When Alarm Input state is selected as N.C as default state.	MICMain.G4i
IMC00003398	Scene 1 Inactivity did not work after pan/tilt moving	MICMain.G4i
IMC00003235	Alarm Rules could only be executed once	MICMain.G4i
IMC00003559	Wash-wipe now functional in FV protocol	MICMain.G4i
IMC00003123	Pelco D: Above the horizon tilt positions now points to the upper tilt limit	MICMain.G4i