


Security Systems BOSCH	Service Pack Release Letter MIC Series 612 System Controller 1.11.00.14	Version: 01.00
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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 MIC Series 612 product. It also documents component compatibility, workarounds, and any feature restrictions.

1.3 Scope

This document describes the MIC Series 612 Service Pack release which includes the following components:


Component	Version
MIC612Main.G4i (System Controller)	1.11.00.14

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

4.1 Preset Commands

The following table lists the special preset commands that the MIC Series 612 using the Forward Vision protocol now supports:

Preset: 1	Auto Home Position
Preset: 62	Wash Wipe Position
Preset: 85	On Screen menu
Preset: 86	Self Diagnosis
Preset: 87	Play Pattern One
Preset: 88	Stop Pattern One
Preset: 89	Record Pattern One
Preset: 90	Play Pattern Two
Preset: 91	Stop Pattern Two
Preset: 92	Record Pattern Two
Preset: 98	Find End Stops
Preset: 99	Show Boot Message
Preset: 198	Intermittent Wipe On
Preset: 199	Intermittent Wipe Off
Preset: 204	Auto Home to Preset
Preset: 205	Auto Home to Tour
Preset: 206	Auto Home Off
Preset: 207	Multi Alarms Enable
Preset: 208	Multi Alarms Disable
Preset: 209	Digital Zoom Disable
Preset: 210	Digital Zoom Enable
Preset: 215	Auto Home to Pattern
Preset: 217	Auto Flip On
Preset: 218	Auto Flip Off
Preset: 219	Wash Wipe Enable
Preset: 220	Wash Wipe Disable
Preset: 232	Privacy: Replace All
Preset: 233	Privacy: Uncover All
Preset: 251	Recalibrate Camera Module
Preset: 255	Load Factory Defaults

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4.2 Change to Default Settings

The following values have changed to improve the default image quality:

- White Balance: ATW (was Extended ATW)
- Sharpness: 8 (was 12)

4.3 Triggering Alarms on Detection of Objects Outside of Set Thermal Temperature Threshold

Note: This feature pertains only to the following models:

MIC-612TIALB36N	MIC-612TIALG36P	MIC-612TFALB36P
MIC-612TIALW36N	MIC-612TFALB36N	MIC-612TFALW36P
MIC-612TIALB36P	MIC-612TFALW36N	MIC-612TFALG36P
MIC-612TIALW36P	MIC-612TFALD36N	

You can set a High Temp Thermal Meter or Low Temp Thermal Meter in order to trigger an alarm on the OSD if the thermal spot meter identifies that the temperature of an object in the view of the camera is outside of the temperature threshold set in the system.

Refer to the *MIC612 Thermal Camera Installation Manual*, listed under the MIC Series 612 Thermal Camera product page on www.boschsecurity.com, for full instructions.

4.4 Enhancements

This section identifies enhancements and defect resolutions provided in the current Service Pack for the MIC Series 612.

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

Change Request	Description	Module
IMC00004562	Implemented special preset commands for Forward Vision protocol (refer to section 4.1).	MIC612Main.G4i
IMC00004329	Changed default settings for White Balance and Sharpness (refer to section 4.2).	MIC612Main.G4i
IMC00004014	Implemented alarm feature based on MIC Series 612 temperature spot meter (refer to section 4.3).	MIC612Main.G4i

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

Change Request	Description	Module
IMC00004547	Improved noise reduction.	MIC612Main.G4i
IMC00003843	Activated Input 8 as a valid input for Alarm Rules.	MIC612Main.G4i
IMC00004331 IMC00004356	Activated Lamp button on Forward Vision keyboards.	MIC612Main.G4i

5. Feature Restrictions

None.

6. Uploading Firmware

Refer to the *AutoDome 100/600/700/800 and MIC 550 Firmware Update Manual*, available on the Bosch Security Systems Web site.

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7. History

The following files have been updated in past Service Pack releases

Component	Version
MIC612Main.G4i	1.10.00.04

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

Change Request	Description	Service Pack
IMC00004104	Improves sharpness on video image.	MIC612Main.G4i version 1.10.00.04
IMC00004103	Support for enhanced noise reduction. This enhancement adds the following items to the Camera menu: Noise Reduction and Noise Reduction Level	MIC612Main.G4i version 1.10.00.04
IMC00003165 IMC00003169 IMC00003170	Added the following commands and features to the Forward Vision (FV) Protocol for the MIC Series 612 thermal camera: <ul style="list-style-type: none"> • Enable manual Flat Field Correction (FFC) • Add Freeze/Live and 2X Zoom modes • Add the thermal mode selections. 	MIC612Main.G4i version 1.10.00.04
IMC00004112	Corrects issue with MIC Series 612 with Forward Vision protocol not recognizing thermal camera addresses.	MIC612Main.G4i version 1.10.00.04

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

Change Request	Description	Service Pack