
	Service Pack Release Letter MIC612 MIC612 SC Main 1.13.00.08 MIC612 FPGA 4.03.00.01	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 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.G4i)	1.13.00.08
MIC612 FPGA (FPGA_MIC_SC_Biphase_612.G4i)	4.03.00.01

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 current Service Pack for the MIC612.

Note: It is recommended that you first update the MIC 612 SC Main firmware, and then update the FPGA firmware.

4.1 Enhancements

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

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	
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 to display a Test Pattern when connected to CTFID	MIC612Main.G4i
IMC00006140	Added support of Vertical Bars to the test pattern	
IMC00005272	Correct issue with pan position	FPGA_MIC_SC_Biphase_612.G4i

4.2 Defects Resolved

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


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

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.

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7. History

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

Change Request	Description	Module
IMC00002404	Support Forward Vision (FV) protocol.	MICMain.G4i
IMC00002431	FV: Implement "G" command (Set Manual Control)	MICMain.G4i
IMC00002432	FV: Implement "H" command (Get Manual Control and Alarm Status)	MICMain.G4i
IMC00002433	FV: Implement "K" command (Emergency Stop)	MICMain.G4i
IMC00002434	FV: Implement "L" command (Go To Preset)	MICMain.G4i
IMC00002435	FV: Implement "M" command (Learn Preset), Normal presets only	MICMain.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
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