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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 MIC Series 550 product. It also documents component compatibility, workarounds, and any feature restrictions.

1.3 Scope

This document describes the MIC Series 550 Service Pack Release which includes the following components:

Component	Version
MIC550Main.G4i	2.14.00.08

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 MIC Series 550.

4.1 Remapping Aux Commands (Pelco Protocol)

This service pack adds the Wiper Only function to the list of Pelco commands that can be remapped to a specific Aux number. Refer section 9.8 in the *MIC Series 550 Camera User Manual* for more information.

4.2 Enhancements

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

Change Request	Description	Module
IIMC00005425	Add wiper delay feature to washer function.	MIC550Main.G4i
IMC00005156	Add menu option to access the On-screen Display menus when using Pelco D.	MIC550Main.G4i
IMC00005483	Extended address range from 32 to 255 when using Pelco P.	MIC550Main.G4i

4.3 Defects Resolved

The following DEFECTS have been resolved for this delivery.

Change Request	Description	Module
IMC00003743	The wash/wipe function now completes the cycle if Inactivity is turned on.	MIC550Main.G4i
IMC00005157 IMC00005383	Changed absolute positioning commands to 0.1 degree resolution; direction of absolute position movements when changing between Normal and Inverted operation	MIC550Main.G4i
IMC00004495	The camera returns to its last position when power is disconnected after a wash/wipe cycle then reconnected.	MIC550Main.G4i
IMC00004496 IMC00004442	The camera returns to its last position when the wash/wipe cycle is terminated by a user-initiated command.	MIC550Main.G4i
IMC00004585	Playback of a recording made via the Forward Vision protocol now contains zoom actions.	MIC550Main.G4i
IMC00004441	Camera returns to preset scene after the completion of the wash/wipe cycle.	MIC550Main.G4i
IMC00004442	The wiper stops if the user interrupts the Wash cycle	MIC550Main.G4i
IMC00005302	Can toggle the IR lamps on/off from Camset or the Synectics keyboard.	MIC550Main.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.

7. History

The following files have been updated in past Service Pack releases:

Component	Version
MIC550Main.G4i	2.14.00.08
MIC500Main.G4i	2.12.00.07
MICMain.G4i	2.02.00.38
MICMain.G4i	2.10.00.04

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

Change Request	Description	Service Pack
IMC00004626	Added Pelco "Wiper Only" function to Aux Re-mapping command list.	MIC550Main.G4i
IMC00004657	Improved control when a MIC 550 using ForwardVision protocol is connected to a Synectics system.	MIC550Main.G4i
IMC00003589	Implemented special preset commands for Forward Vision protocol.	MIC550Main.G4i
IMC0004327	Changed default settings for White Balance and Sharpness.	MIC550Main.G4i
IMC00003783	Update to FPGA code for PTZ control.	FPGA_MIC_SC_ Biphase_550.G4i
IMC00004096	Improves sharpness on video image.	MIC550Main.G4i
IMC00003685	Users can now remap Pelco Auxiliary commands 1 through 8. This enhancement adds the Aux Setup submenu below the Competitive Protocol menu.	MIC550Main.G4i
IMC00004095	Support for enhanced noise reduction. This enhancement adds the following items to the Camera menu: Noise Reduction and Noise Reduction Level	MIC550Main.G4i
IMC00002404	Support Forward Vision (FV) protocol.	MICMain.G4i
IMC00002434	FV: Implement "L" command (Go To Preset)	MICMain.G4i
IMC00002440	FV: Implement "W" command (Reset)	MICMain.G4i
IMC00002892	Send Bicom events to the OSRD serial port	MICMain.G4i
IMC00002893	Add Bicom Event for Wiper operation	MICMain.G4i
IMC00002435	FV: Implement "M" command (Learn Preset), Normal presets only	MICMain.G4i
IMC00002431	FV: Implement "G" command (Set Manual Control)	MICMain.G4i
IMC00002445	FV: Implement "w" command (Set Manual Control with Proportional Zoom)	MICMain.G4i
IMC00002444	FV: Implement "s" command (Set Address)	MICMain.G4i
IMC00002438	FV: Implement "R" command (Setup Preset Tour)	MICMain.G4i
IMC00002439	FV: Implement "T" command (Start\Stop Preset Tour)	MICMain.G4i
IMC00003088	Pelco D "Query Type" command now provides response message	MICMain.G4i
IMC00002436	FV: Implement "N" command (Go To Position)	MICMain.G4i
IMC00002437	FV: Implement "O" command (Get Position)	MICMain.G4i
IMC00002442	FV: Implement "a" command (Get Config)	MICMain.G4i
IMC00002443	FV: Implement "q" command (Set Config)	MICMain.G4i
IMC00002433	FV: Implement "K" command (Emergency Stop)	MICMain.G4i
IMC00002441	FV: Implement "Y" command (Get Software Version)	MICMain.G4i

IMC00003219	FV: Add ability to use Bosch camera menu	MICMain.G4i
IMC00002432	FV: Implement "H" command (Get Manual Control and Alarm Status)	MICMain.G4i
IMC00002447	FV: Implement "~" command (Get MIC Statistics)	MICMain.G4i

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

Change Request	Description	Service Pack
IMC00004783	Camera responds when an interactive Pan/Tilt/Zoom command is sent.	MIC550Main.G4i
IMC00004778	ForwardVision: Night mode is operational.	MIC550Main.G4i
IMC00004847	Added One Push as a Focus mode stored on a preset.	MIC550Main.G4i
IMC00004545	Improved noise reduction.	MIC550Main.G4i
IMC00003842 IMC00002798	Activated Input 8 as a valid input for Alarm Rules.	MIC550Main.G4i
IMC00003903	Corrects issue with wash/wipe behavior if the was position is not predefined.	MIC550Main.G4i
IMC00003772	Corrects issue with fast address using the Forward Vision protocol.	MIC550Main.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