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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 Gen4 AutoDome product. It also documents component compatibility, workarounds, and any feature restrictions.

1.3 Scope

This document describes the Gen4 AutoDome Service Pack Release which includes the following components:

Component	Version
SCMain.G4i	01.07.00.01
H8Image.bin (U3001 & U0102)	1.03.00.01-01.07.00.01
SCBootApp.G4i	01.03.00.01
stdUserFlash.bin (U3003)	01.09.01.05
VCAUserFlash.bin (U0105)	1.13.01.05
FPGA_SC.G4i	01.09.01.05
FPGA_VCA.G4i	1.13.01.05
VCA_image.bin (U0801)	01.02.00.01-01.05.00.02
VCA_App.G4i	01.05.00.02
VCA_boot.G4i	01.02.00.01
Vip_x_app1.fw	3.00B19
Russian_Lang_01.00.00.02.G4i	01.00.00.02

1.4 Definitions, Acronyms, and Abbreviations

[This subsection provides the definitions of all terms, acronyms, and abbreviations required to properly interpret the Release Notes. This information may be provided by reference to the project's Glossary.]

CTFID	Configuration Tool for Imaging Devices

1.5 Overview

*[This subsection describes what the rest of the **Release Notes** contains and explains how the document is organized.]*

2. About This Service Pack Release

[A description of the release is presented here, including release-defining characteristics or features. The description is brief, however, and simply clarifies the release definition.]

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

3. Compatible Products

This product has been tested on the following platforms or with the following products:

- 200 Series AutoDome
- 300 Series AutoDome
- 500 Series AutoDome

Compatible products with AutoDome include the following:

- CTFID for Gen4 version 3.04.00.01
- IP Web Server version 3.00 B19

Compatible tools and utilities for IP Web Server 3.00 B19 include the following:

- Configuration Manager 01.70.0114.0
- Archive Player 02.10.0002.0
- MPEG ActiveX 4.24.B15
- Dot Net 2.0

Compatible AutoDome camera modules include (PAL & NTSC): 18X color, 18X day/night, 26X day/night, 36x day/night, Unity Dome (fixed camera) color and day/night.

4. Hardware Changes

None.

5. Software Changes

This section identifies enhancements and defect resolutions provided in the current Service Pack for Series 100, 200, 300, 500i.

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

Change Request	Description	Module
1147	Add Custom Language support for Gen4 AutoDome	SCMain
1128	Enable Russian language in IP Web Server UI	IP Web Server
1113	Add VCA version information to downloaded event log	IP Web Server
1100	SRS update to include Language Loader requirements	SCMain
1096	Enable iVMD for Series 100 Cameras	IP Web Server
1093	Add support for Gen4 custom language	IP Web Server
1039	Add on/off flag to AutoTrack alarm output in rule setup	IP Web Server
1033	Add Autotracker Sensitivity setting to the Advanced Settings	IP Web Server
679	Web server virtual joystick makes it difficult to control the pan/tilt	IP Web Server

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

Change Request	Description	Module
1157	Current language displayed as English when Russian is set	IP Web Server
1127	IP Web Server UI issues	IP Web Server
1126	IP Web Server configuration checking verification	IP Web Server
1125	IP Web Server doesn't handle failed VCA uploads	IP Web Server
1124	Offline configuration files are declared invalid	IP Web Server
1123	IP Web Server Aux Control frame UI issues	IP Web Server
1122	IP Web Server 3.00 B9 identifies Unity Camera Incorrectly	IP Web Server
1105	IP Web Server tiny control on Settings page	IP Web Server
1104	Incorrect identification of Audio inputs, Audio outputs, Relays and Alarm Inputs for Gen4 IP device	IP Web Server
1089	Clean up and update the online help file	IP Web Server
951	Relay Output Icons do not function in Alarm State	IP Web Server
943	Disable the check box for automatic selection of failed upload component	IP Web Server

6. Feature Restrictions

6.1 Release SCMain 01.07.00.01

    a.   Undocumented AUX commands may reside in the firmware. As they are undocumented, engineering may remove them in a subsequent release without prior knowledge.

    b.   Some translations are missing.

    c.   The folder structure of the SP103.zip file is critical and must be maintained. Note that the Russian language file is in it's own folder.

7. Uploading Firmware

Refer to the *VG4 Series Firmware Update Manual,* available on the Bosch Security Systems Web site.

8. History

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

Change Request	Description	Service Pack
1088	Provide a timeout feature when Auto Tracker II is stuck in a position.	1.02
1077	Add CLI Commands for getting Subcomponent Versions.	1.02
1032	Add SC and VCA revisions as an event on start up.	1.02
1029	Remove time limit between EraseAll and actual code.	1.02
923	Add VCA DSP BIST Results to Host BIST Display & CT Log.	1.02
857	Commanded BIST retains and displays last known pass/fail status.	1.02
334	Add osd text when Auto Bauding.	1.02
204	Add Bilinx log on status to OSD.	1.02
1082	Add 2 second delay when moving joystick with AT = ON.	1.01
1048	Add Wide Dynamic Range On/Off to Web Server	1.01
1046	Add total amount of pan/tilt motor movement to diagnostics	1.01
1012	Remove Stabilization Cropping setting	1.01
1002	Add items to Diag Logs	1.01
958	Integrate Sony 36x camera module	1.01
936	Add Highest and Lowest Temps to Diagnostics Log	1.01
1071	Update VCA boot version number	1.00
1070	Reinstate Aux code 24	1.00
1069	Temporarily disable stabilization when entering PM setup instead of providing warning'	1.00
1057	Change default values for sharpness, night mode threshold, max gain	1.00
1035	Remove AutoTrack Aux commands as possible alarm outputs (documentation)	1.00
957	Integrate Sony 36x camera module	1.00
918	Add calibration step to improve PM accuracy	1.00

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

Change Request	Description	Service Pack
1146	Zoom position data is getting corrupted in series 500.	1.02
1144	Masking and diagnostic help text is broken up on OSD.	1.02
1143	Advanced Feature menu under Factory Settings	1.02
1139	Typo in BLC PAL warning message	1.02
1134	Alarm output valid data only increments regardless of joystick movement	1.02
1132	Zoomed privacy and virtual masks cause system to lose positional references	1.02
1129	Dome will stop when requesting position via opcode 0x14	1.02
1121	CLI command "clearsettings" is not clearing all settings.	1.02
1120	Audio setting lost after dome looses power	1.02
1118	Camera height display is only in feet	1.02
1117	FUT tilt test fails when system controller contains different housing tilt limits	1.02
1111	Fix the PTZ Server.Position.ZoomFocalLength setvalue	1.02
1109	Fast Address menu crashes when setting 4 digit address	1.02
1103	PTZ override flag stays set after SET-110	1.02
1102	I2C 1401 & 1407 errors	1.02
1101	AutoTrack failed to reactivate after recordings (ON-100)	1.02
1062	Warning message shows wrong shutter speed for PAL cameras	1.02
1061	Resetting pan tilt settings to default prior to the power up homing may cause homing to fail	1.02
996	AT ON/OFF does not toggle with a left joystick movement	1.02
739	When you change AF from manual to spot, it becomes constant	1.02
254	Inactivity not working after alarm with preposition tour.	1.02
1099	Try again if timeout while going to a preposition	1.01
1091	Dome will Track without flashing tracker icon	1.01
1080	FRS stabilization requirement is wrong.	1.01
1078	Incorrect values and equality test in Stabilization software	1.01
1074	Incorrect Matrix used in Region of Interest Computations	1.01
1073	Incorrect Image Passed to Edge Detection Software	1.01
1061	Resetting PanTilt settings to default prior to the power up homing may cause homing to fail.	1.01
1053	Tracker icon remains blinking after auto pivot	1.01
1043	Baud rate changed to 2400 and remains at that rate.	1.01
1038	Disable iVMD for Gen4	1.01
976	Cannot upload VCA app after it becomes corrupted	1.01
969	Add loss of home detection to the diagnostics	1.01
947	app0 page doesn't automatically appear after failed IP firmware upgrade/downgrade	1.01
944	Web Server virtual joystick controls with Unity camera	1.01
935	IP Web Server and Series 100: Restore defaults disables camera buttons	1.01
1065	36x Night Mode performance	1.00
1064	Virtual mask EXIT option does not work	1.00
1063	Splash screen differences for 36x camera ID	1.00
1061	Resetting PanTilt settings to default prior to the power up homing may cause homing to fail	1.00
1060	AutoPivot Flag clears before AutoPivot Completes	1.00

1056	Create a separate path for displaying QCIF window for factory test	1.00
1054	Virtual masks tilt position shifted	1.00
1050	Dome will sometimes reset if a scene is recalled while actively tracking	1.00
1004	Alarm rule output conflicts between IS and MD	1.00
940	Disable AT when changing Focal Length.	1.00