

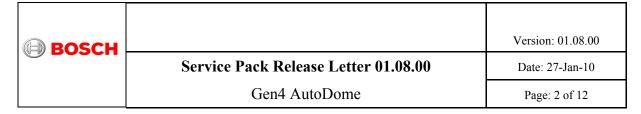
# **Service Pack Release Letter**

Version: 01.08.00

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| Release Notes 01.08.00  |  | Last<br>Checked-In: | 2010-<br>Jan 27 |
|---|--|---------------------|-----------------|
|   |  |                     |                 |
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# **Service Pack Release Letter**

#### 1. Introduction

## 1.1 Disclaimer of Warranty

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## 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:

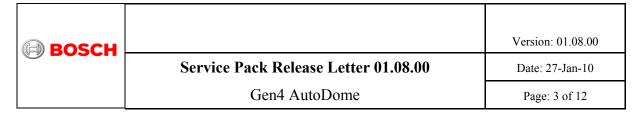
| Component                    | Version     |
|------------------------------|-------------|
| SCMain.G4i                   | 01.11.02.01 |
| SCBootApp.G4i                | 01.05.00.01 |
| FPGA_SC.G4i                  | 01.09.01.05 |
| FPGA_VCA.G4i                 | 1.13.01.05  |
| VCA_app.g4i                  | 01.10.00.02 |
| VCA_boot.G4i                 | 01.02.00.01 |
| vip_x_app1.fw [IP WebServer] | 4.00B43     |
| Czech_Lang_01.01.00.02.G4i   | 01.01.00.02 |
| Russian_Lang_01.01.00.02.G4i | 01.01.00.02 |

Note: Bold indicates changed or new components.

If using WinZip, select the option to keep the folder names.

### 1.4 Definitions, Acronyms, and Abbreviations

| CTFID | Configuration Tool for Imaging Devices |
|-------|--|
|       |  |



#### 1.5 Overview

Section 2 About This Service Pack Release
Section 3 Compatible Products
Section 4 Hardware Changes
Section 5 Software Changes
Section 6 Feature Restrictions
Section 7 Notes for Uploading Firmware

#### 2. About This Service Pack Release

• This is a Production 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:

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

Compatible products with AutoDome include the following:

- CTFID for Gen4 version 3.08.00.03
- IP Web Server version 4.00 B43

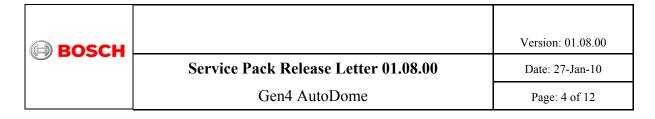
Compatible tools and utilities for IP Web Server 4.00 B43 include the following:

- Configuration Manager 01.95.0048.0
- Archive Player 3.01.0029.0
- MPEG ActiveX 4.40.01.07
- Microsoft Dot Net 2.0
- DirectX 9.0c
- Java 2 SE Runtime Environment 5.0 9

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 **ENHANCEMENT** has been resolved for this delivery.

| Change<br>Request | Description  | Module  |
|-------------------|--|---------|
| 3119              | The acceleration/deceleration has been optimized to prevent degradation of the |         |
|                   | cameras home position.   | SC Main |

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

| Change  | Description | Module |
|---------|-------------|--------|
| Request |             |        |
|         |             |        |

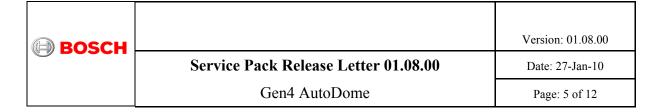
#### 6. Feature Restrictions

#### 6.1 Release SCMain 01.11.02.01

- a. Some translations are missing.
- b. The folder structure of the SP\_1.08.00.01.zip file is critical and must be maintained. Note that the Czech and Russian custom language files are in their own folders.

#### 6.2 Release IP WebServer 4.00 B43

a. Includes IVA 4.00 functionality



# 7. History

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

| Change  | Description   | Service |
|---------|---|---------|
| Request |   | Pack    |
| 2995    | SC Main – Change rev to 1.11.00.04  | 1.07    |
| 2948    | SC Main – Gen4: Change rev to 1.11.00.03  | 1.07    |
| 2842    | SC Main – Gen4: Accept Send Position Command from VCA                               | 1.07    |
| 2836    | SC Main – Create test code for tilt belt evaluation                                 | 1.07    |
| 2796    | SC Main – Increase PanTiltTask Stack size   | 1.07    |
| 2779    | SC Main – Alarm Handling changes: SC Component                                      | 1.07    |
| 2723    | SC Main – Add access to Sector and Shot titles via CP menu                          | 1.07    |
| 2656    | SC Main – Allow RGain BGain adjustment for Sony Camera                              | 1.07    |
| 2625    | SC Main – Support PreSlow OFF mode for Sony Cameras                                 | 1.07    |
| 2499    | IP FW – Allow changing the Sync setting for Series 100 AutoDomes from IP webpage    | 1.07    |
| 2091    | SC Main – Allow Privacy Masking and virtual masking on Series 300/500 with Unity    | 1.07    |
|         | configuration   |         |
| 1983    | SC Main – Reinstate Opcode 10 (versions TBD)  | 1.07    |
| 1679    | IP FW – Enable the "Lease time" feature for the Gen4 IP                             | 1.07    |
| 1260    | SC Main – Add Global Aux cmd to Enable/Disable all Alarm rules                      | 1.07    |
| 1237    | SC Main – Inconsistent focus/iris action between menus for Exit option              | 1.07    |
| 2355    | LL—Russian. Create Russian language G4i file for SP1.06                             | 1.06    |
| 2353    | LL—Czech. Create Czech language G4i file for SP1.06                                 | 1.06    |
| 2307    | SC Main—IVA: SC to ignore alarms generated when IVA is being configured             | 1.06    |
| 2296    | SC Main—Allow option for enabling/disabling proportional speed in Gen4              | 1.06    |
| 2256    | SC Main—Disable alarm output 3 option in an alarm rule except when low pressure     | 1.06    |
|         | alarm input used  |         |
| 2245    | SC Main—Update pressure dome string translations in source code                     | 1.06    |
| 2148    | LL—Czech. Czech Language: some translation and display issues                       | 1.06    |
| 1894    | IP. Add support for Gen4 pressurized housing changes                                | 1.06    |
| 1838    | SC Main—Add privacy mask option to disable at specified FOV                         | 1.06    |
| 1729    | SC Main—Pressure dome: Changes to SC  | 1.06    |
| 1559    | SC Main—Camera does not restore shot scenes on power cycle/reset                    | 1.06    |
| 2169    | Add operation to UI object to get menu status                                       | 1.05    |
| 1901    | Add last NightMode On or Auto to user settings so it is saved and restored on reset | 1.05    |
| 1840    | SC work for AutoTracking while autopanning  | 1.05    |
| 1705    | Do not allow Shot NONE as a rule input or output                                    | 1.05    |
| 1689    | Change splash screen copyright date   | 1.05    |
| 1619    | Remove restore factory default with new version on start up                         | 1.05    |
| 1564    | New SC commands for Stabilization PIP control                                       | 1.05    |
| 1560    | Create an event for fast address change in SC                                       | 1.05    |
| 1558    | Add Czech to OSD  | 1.05    |
| 1557    | Add CP Firmware Upload to SC Boot   | 1.05    |
| 1556    | Add CP start up handshaking to SC Boot  | 1.05    |
| 1555    | Add CP related BiCom objects to SC Main   | 1.05    |
| 1554    | Add CP start up handshaking to SC Main  | 1.05    |
| 1206    | Add support of AutoTracking while AutoPanning                                       | 1.05    |



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| Change  | Description   | Service |
|---------|---|---------|
| Request |   | Pack    |
| 124     | Implement Smart Template Search for Stabilization   | 1.045   |
| 103     | Correct usage of pragma DATA_section for ISRAM variables.   | 1.045   |
| 4       | Provide PIP with Stabilization  | 1.045   |
| 1193    | Provide a timeout feature when AutoTracker is stuck in a position                                   | 1.04    |
| 1177    | Allow ROIs for Unity/500 systems  | 1.04    |
| 1170    | Preset 94 not implemented in Gen4   | 1.04    |
| 1167    | IP WebServer: AT Sensitivity setting is not saved offline   | 1.04    |
| 1058    | Add requirement for all recordable (logged) SC and VCA events                                       | 1.04    |
| 889     | Display "Time Since Life" in diag menu and provide access to version via On-46                      | 1.04    |
| 505     | IP Webserver doesn't recollect the configuration settings (Privacy masks, Standard Tour, Recordings | 1.04    |
| 324     | Alarm input & output shots information  | 1.04    |
| 1147    | Add Custom Language support for Gen4 AutoDome   | 1.03    |
| 1128    | Enable Russian language in IP Web Server UI   | 1.03    |
| 1113    | Add VCA version information to downloaded event log   | 1.03    |
| 1100    | SRS update to include Language Loader requirements  | 1.03    |
| 1096    | Enable iVMD for Series 100 Cameras  | 1.03    |
| 1093    | Add support for Gen4 custom language  | 1.03    |
| 1039    | Add on/off flag to AutoTrack alarm output in rule setup   | 1.03    |
| 1033    | Add Autotracker Sensitivity setting to the Advanced Settings  | 1.03    |
| 679     | Web server virtual joystick makes it difficult to control the pan/tilt                              | 1.03    |
| 347     | Web server virtual joystick makes it difficult to control the pan/tilt                              | 1.03    |
| 231     | Remove time limit between EraseAll and actual code  | 1.03    |
| 228     | Add Autotracker Sensitivity setting to the Advanced Settings  | 1.03    |
| 222     | Web Server: Add on/off flag to AutoTrack alarm output in rule setup                                 | 1.03    |
| 201     | IP Web Server: Add support for Gen4 custom language   | 1.03    |
| 200     | Enable iVMD for Series 100 Cameras  | 1.03    |
| 191     | IP Web Server - Add VCA version information to downloaded event log                                 | 1.03    |
| 180     | Web server virtual joystick makes it difficult to control the pan/tilt                              | 1.03    |
| 172     | Add Custom Language support for Gen4 AutoDome   | 1.03    |
| 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    |



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| Change<br>Request | Description   | Service<br>Pack |
|-------------------|---|-----------------|
| 1071              | Update VCA boot version number  | 1.00            |
| 1070              | Reinstate Aux code 24   | 1.00            |
| 1069              | Temp 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            |



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

| Description  | Service   |
|--|---|
|  | Pack  |
| SC Main – Alarm input 1 Bicom object is not returning the correct state                            | 1.07  |
| SC Main – Reinstate minimum version checks   | 1.07  |
|  | 1.07  |
|  | 1.05  |
|  | 1.07  |
|  | 1.07  |
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|  | 1.07  |
|  | 1.07  |
| IP FW – IVA: Gen4 MD scene can be simultaneously an MD and IVA scene (or MD scene not disabled)    | 1.07  |
| IP FW – IVA: Disassociating then reassociating a Gen4 MD scene to a VCA configuration disables IVA | 1.07  |
| IP FW – IVA: IVA still producing motion alarms although camera is pointing away from IVA scene     | 1.07  |
| IP FW – IVA: IVA motion detection icon does not appear in streaming video at an IVA                | 1.07  |
| IP FW – IVA: "IVA/Motion Plus" not provided as alarm input type or available for alarm             | 1.07  |
|  | 1.07  |
| IP FW – IVA: Assigned scenes are still available for assignment to other VCA                       | 1.07  |
| IP FW – IVA: Certain scenes and data aren't retrievable in Display Settings Group 2                | 1.07  |
| IP FW – IVA: 100 Series displays disabled Alarm State flag when IVA = Off where                    | 1.07  |
|  | 1.07  |
|  | 1.07  |
|  | 1.07  |
|  | 1.07  |
|  | 1.07  |
|  |   |
|  | 1.07  |
|  | 1.06  |
|  | SC Main – Reinstate minimum version checks SC Main – Sending the dome to a position while in route to another position causes position loss SC Main – Focus position returned by opcode and bicom object is incorrect VCA Main – AutoTrack Initial focal length may be incorrect for tracking to start. VCA Main – AutoTracker Incorrectly Computer Center of Motion IP FW – IP Web Server: Configuration download/upload ineffective VCA Main – Motion detection scene detects motion where none present SC Main – Inconsistent alarm rule shot title max lengths between OSD languages SC Main – IVA: Scene reached event not sent after Off 65 IP FW – IVA does not activate sometimes at some scenes IP FW – IVA: False Alarms on Power Cycle IP FW – False Alarms on Power Cycle IP FW – IVA: Surveillance task dialog text translated to uninstalled language IP FW – IVA: IP does not send Alarms to SC always IP FW – IVA: Selecting the same scene changes the selection to OFF IP FW – IVA: Camera can be moved during VCA configuration setting IP FW – IVA: Gen4 MD scene can be simultaneously an MD and IVA scene (or MD scene not disabled) IP FW – IVA: Disassociating then reassociating a Gen4 MD scene to a VCA configuration disables IVA IP FW – IVA: IVA still producing motion alarms although camera is pointing away from IVA scene IP FW – IVA: IVA motion detection icon does not appear in streaming video at an IVA scene IP FW – IVA: "IVA/Motion Plus" not provided as alarm input type or available for alarm rules IP FW – IVA: Ten VCA configurations for 200/300/500 Series with fixed camera IP FW – IVA: Assigned scenes are still available for assignment to other VCA configurations IP FW – IVA: Certain scenes and data aren't retrievable in Display Settings Group 2 page |



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| Change<br>Request | Description   | Service<br>Pack |
|-------------------|---|-----------------|
| 2464              | LL Russian—Default scene and sector titles overwritten by number                                  | 1.06            |
| 2463              | SC Main—French alarm translation typo for Aux Off   | 1.06            |
| 2461              | SC Main—ROIs and Virtual Masks not recovered after data migration                                 | 1.06            |
| 2460              | SC Main—Motion detection scene handling causes dome to crash                                      | 1.06            |
| 2459              | SC Main—Missing virtual masks   | 1.06            |
| 2455              | SC Main—Motion detection ROI scenes register motion outside of ROI                                | 1.06            |
| 2452              | SC Main—Any Aux On/Off commands not recognized as an alarm rule input                             | 1.06            |
| 2376              | SC Main—IVA: Aux OFF 65 does not always clear IVA Alarms  | 1.06            |
| 2356              | SC Main—Customer Complaint - Problem with French and Alarm setup                                  | 1.06            |
| 2350              | SC Main—Gen4 halts configuration upload over Bilinx   | 1.06            |
| 2321              | IP—VCA Upload issue   | 1.06            |
| 2298              | SC Main—Fix the CRs related to IVA merger with 1.10 code base                                     | 1.06            |
| 2254              | SC Main—Custom language + alarm input crashes the Pressure Dome                                   | 1.06            |
| 2253              | SC Main—SC Main supports an "Alarm Input 8"   | 1.06            |
| 2247              | SC Main—Gen4 stops when doing a GET while moving to position                                      | 1.06            |
| 2217              | IP—: Entering unstored shot as alarm output option creates cumbersome error                       | 1.06            |
| 2194              | SC Main—Autopan Speed entered by ON 14 is not saved   | 1.06            |
| 2147              | LL Czech—Czech Language: Titles of resident languages aren't translated                           | 1.06            |
| 2117              | SC Main—SC displays CP version (Minor, Patch, Build) in Hex format instead of Decimal             | 1.06            |
| 2116              | SC Main—SC resets continuously when CP application gets corrupted                                 | 1.06            |
| 2041              | SC Main—IVA: Fix PTZ server 013.2 (MAX prepositions) object. Also implement it for Unity cameras  | 1.06            |
| 1975              | SC Main—IVA: PTZFI and aux commands do not disable IVA  | 1.06            |
| 1973              | SC Main—IVA: IVA scene disabled after factory reset   | 1.06            |
| 1967              | SC Main—IVA: When motion detection scene is overwritten, motion detection not immediately enabled | 1.06            |
| 1960              | SC Main—IVA: AutoTrack icon and Image Stabilization activation generate false motion alarms       | 1.06            |
| 1941              | SC Main—Recording OSD text displays incorrect information for CP recordings                       | 1.06            |
| 1837              | SC Main—Preset Shots should activate rules  | 1.06            |
| 2258              | SP1.05.00.05 fails Final Unit Test for video level on 200 series                                  | 1.05            |
| 2168              | Fix the SC code issues contributing to the Belt Slippage issue                                    | 1.05            |
| 2163              | CP: (Manchester) Commanded Auto Iris function is inoperative                                      | 1.05            |
| 2007              | CP: Gen4 responds to any AD controller camera address (FastAddress)                               | 1.05            |
| 2005              | IP and subnet address not displayed on version screen   | 1.05            |
| 1903              | Incorrect Focal Length during AutoTracking  | 1.05            |
| 1887              | IP Web Server persistently fails to upload Unity camera firmware                                  | 1.05            |
| 1884              | 200 Series memory becomes corrupted   | 1.05            |
| 1842              | Setting shot XX as Alarm Input option not possible in certain case                                | 1.05            |
| 1832              | Error in Match Large Template Vertical Range  | 1.05            |
| 1756              |   | 1.05            |
| 1667              | BiCom messages can get blocked and "Not Allowed" is returned                                      | 1.05            |
| 1660              | Implement set and get operations for AutoPanScan.RightLimit and LeftLimit                         | 1.05            |



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| Change  | Description   | Service |
|---------|---|---------|
| Request |   | Pack    |
| 1617    | Freeze frame unblanks a sector prior to moving to scene   | 1.05    |
| 1563    | CLI 'dispVer' sometimes returns all '0's' for IP Panel firmware version.                            | 1.05    |
| 1547    | Retransmission of reliable BOS Events is not re-sending the correct message                         | 1.05    |
| 1542    | Alarm output "Shot" defaults to "Scene 1"   | 1.05    |
| 1803    | Fix Factory Test PIP Window for VCA Testing   | 1.045   |
| 1553    | Unable to download Series 200 configuration table via web server                                    | 1.045   |
| 1552    | Custom tour corrupted   | 1.045   |
| 1551    | Configuration file for a 10 minute recording gets corrupted   | 1.045   |
| 102     | Optimize Timing on CIF Template Matching Software   | 1.045   |
| 2       | Stabilization Data Incongruity  | 1.045   |
| 1277    | IP WebServer doesn't recollect the configuration settings [Privacy masts, Standard Tour, Recordings | 1.04    |
| 1180    | BOS retransmit does not resend the correct number of bytes  | 1.04    |
| 1177    | Unable to use the 'FastAddress' features of a Gen4 IP dome with a 5136 keyboard                     | 1.04    |
| 1176    | Privacy Mask clear setting not saved when ROI is read less then 0.5 sec afterwards                  | 1.04    |
| 1175    | IP WebServer camera setting UI issues   | 1.04    |
| 1174    | IP WebServer: Language Table upgrade is not automatically selected                                  | 1.04    |
| 1173    | Upload of SC Main app 1.08.00.01+ fails   | 1.04    |
| 1172    | IP WebServer: Recording page display problems with smaller resolution displays                      | 1.04    |
| 1171    | Dome going in circles   | 1.04    |
| 1169    | IP WebServer: IVA metadata checkbox missing   | 1.04    |
| 1168    | Dome going in circles   | 1.04    |
| 1166    | IP WebServer: browser lockup after failed configuration upload                                      | 1.04    |
| 1165    | IP WebServer : Incorrect calculation of pan & tilt time on  | 1.04    |
| 1164    | IP WebServer: camera setting UI issues  | 1.04    |
| 1162    | IP WebServer: loses streaming video after firmware or config upload                                 | 1.04    |
| 1161    | Unable to use the "Fast Address" features of a Gen4 IP dome with a 5136 Keyboard                    | 1.04    |
| 1148    | English string should be shown when translation for custom language not available                   | 1.04    |
| 1135    | Recording playback not halted when interrupted by alarm rule.                                       | 1.04    |
| 1119    | Provide a timeout feature when AutoTracker is stuck in a position                                   | 1.04    |
| 1116    | Problem in some Server member functions   | 1.04    |
| 1076    | VCA Boot Firmware Upload Failure not reported   | 1.04    |
| 258     | Disable the check box for automatic selection of failed upload component                            | 1.03    |
| 254     | Relay Output Icons do not function in Alarm State   | 1.03    |
| 202     | IP Web Server: Clean up and update the online help file   | 1.03    |
| 195     | Incorrect ID of Audio inputs, Audio ouputs, Relays and Alarm Inputs for Gen4 IP device              | 1.03    |
| 194     | IP Web Server tiny control on Settings page   | 1.03    |
| 186     | IP Webserver 3.0b9 identifies Unity Camera Incorrectly  | 1.03    |
| 185     | IP Web Server Aux Control frame UI issues   | 1.03    |
| 184     | IP Web Server: Offline configuration files are declared invalid                                     | 1.03    |
| 183     | IP Web Server doesn't handle failed VCA uploads   | 1.03    |
| 182     | IP Web Server configuration checking verification   | 1.03    |
| 181     | IP Web Server UI issues   | 1.03    |
| 170     | IP Web Server - Current language displayed as English when Russian is set                           | 1.03    |
| 1146    | Zoom position data is getting corrupted in series 500.  | 1.02    |



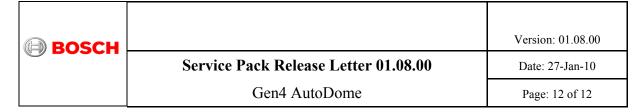
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| Change  | Description  | Service |
|---------|--|---------|
| Request |  | Pack    |
| 1144    | Masking and diagnostic help text is broken up on OSD.  | 1.02    |
| 1143    | Advanced Feature menu under Factory Settings   | 1.02    |
| 1139    | 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    |



| Change  | Description  | Service |
|---------|--|---------|
| Request |  | Pack    |
| 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    |