

AutoDome® Modular Camera System

VG4 Series Service Pack 1.02

Release Notes

Purpose

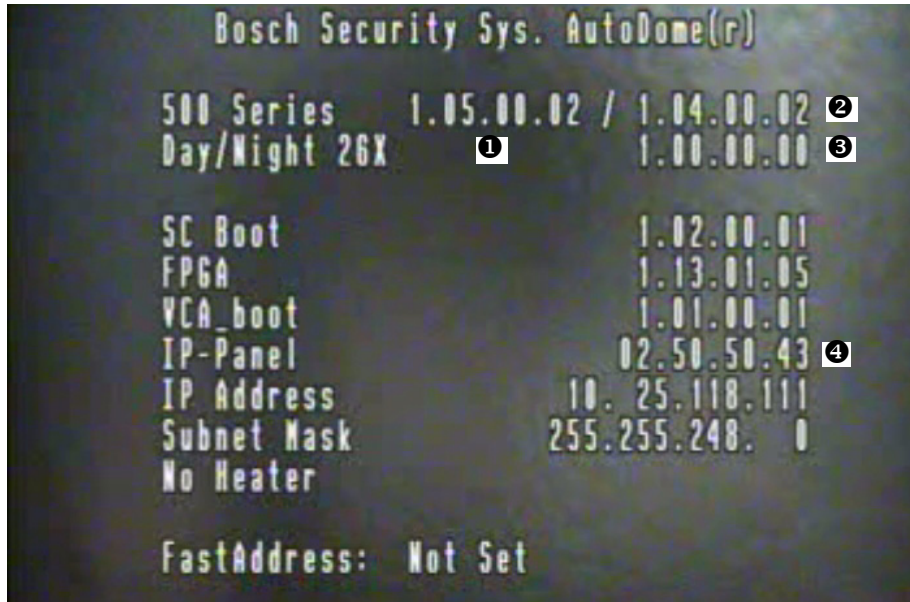
These release notes document the major new features, changes, component compatibility, workarounds, and the release history for the VG4 Series Service Pack 1.02.

Scope

The following files are included in the VG4 Series Service Pack 1.02:

File	Component	Version
SCMain.g4i	SysCont	1.06.00.04
SCBootApp.g4i	SCBoot	1.02.00.01
FPGA_SC.g4i		1.09.01.05
FPGA_VCA.g4i	FPGA	1.13.01.05
VCA_App.g4i	VCA_App	1.05.00.02
VCA_Boot.g4i	VCA_Boot	1.02.00.01
Vip_x_app1.fw	IP-Panel	2.50.50.43

To determine the firmware versions installed on an AutoDome, issue the AUX ON 66 command twice:



Reference	Description
①	Version of the SCMain.g4i file
②	Version of the VCA_App.g4i file
③	Version of the Camera module
④	Version of the Vip_x_app1.fw file

Compatibility

This service pack has been tested on the following VG4 Series AutoDomes:

- 200 Series
- 300 Series
- 500i Series

This service pack is compatible with these VG4 Series Modules:

- 18x color camera (PAL and NTSC)
- 18x day/night camera (PAL and NTSC)
- 26x day/night camera (PAL and NTSC)
- 36x day/night camera (PAL and NTSC)

This service pack is compatible with the following products that may be used with the VG4 Series AutoDome:

- Configuration Tool for Imaging Devices (CTFID), version 3.03.00.03 or higher
- IP Web Server, version 2.00.50.58 or higher

Software Changes

This section identifies the enhancements and fixes provided in the VG4 Series Service Pack 1.02. The table describes the changes and the modules or the CPUs that contain the change:

Description	Module/CPU
Enhancement	
Timeout feature added for AutoTrack II.	500i
BIST retains and displays last known pass/fails status.	200, 300, 500i
Added VCA DSP BIST and loss of home detection results to BIST display.	200, 300, 500i
The BIST RAM test returns the error status (bit masks) instead of a single error code.	500i
Added Bilinx Logon status to on-screen Diagnostics menu.	200, 300, 500i
Issues Resolved	
Fast Address menu allows four-digit addresses.	200, 300, 500i
The AutoDome retains the audio settings after a power loss.	IP Comms
The system retains positional references when used with a Privacy or with a Virtual Mask.	300, 500i
The AutoDome power-up homing no longer fails if the Pan/Tilt settings were reset to their default prior to power-up.	200, 300, 500i
AutoTrack reactivates after recordings.	500i
Inactivity resumes after an alarm with a preposition tour.	300, 500i
Corrected typographical errors in PAL warnings.	200, 300, 500i
Camera height displayed in feet and meters.	500i
AutoDome no longer stops moving when it receives an Opcode 0x14 command.	200, 300, 500i

History

This section provides information about previous service pack enhancement and resolved issues and about the current and prior release dates for service pack update files.

Prior Service Pack Enhancements and Resolved Issues

Description	Service Pack
Enhancement	
Added a two (2) second delay when moving the joystick with AutoTrack set to ON	1.01
Added the Wide Dynamic Range feature to the Web Server	1.01
Added the highest and lowest temperatures to the Diagnostics log	1.01
Updated the VCA Boot file version number	1.00.00.01
Activated AUX code 24, Image Stabilization	1.00.00.01
Changed default values for sharpness, night mode threshold, and the maximum gain settings	1.00.00.01
AutoDome disables stabilization when an operator enters the Privacy Masking setup menu	1.00.00.01
Removed AutoTrack AUX commands as possible alarm outputs	1.00.00.01
Integrated the Sony 36x camera module	1.00.00.01
Added the calibration step to improve Privacy Masking accuracy	1.00.00.01
Issues Resolved	
Improved movement to a preposition	1.01
When the AutoTrack feature tracks an object, the monitor displays the flashing the tracker icon	1.01
The AutoTrack track icon stops blinking after the AutoDome performs an Auto Pivot	1.01
Added loss of home detection to Diagnostics	1.01
Restoring the default settings on the Settings page, located on the AutoDome IP Web page, no longer disables the camera buttons	1.01
The AutoTrack feature no longer freezes on a large Virtual Mask	1.01
Improved Stabilization software	1.01
Improved 36x night mode performance	1.00.00.01
Resolved the Exit option from the Virtual Mask feature	1.00.00.01
Resolved the tilt position for a Virtual Mask	1.00.00.01
AutoDome does not reset if an operator recalls a scene while actively tracking	1.00.00.01
There is no longer an alarm rule conflict between Image Stabilization and Motion Detection	1.00.00.01
AutoTrack is not disabled when changing the focal length	1.00.00.01

Boot File Update History

SC Boot File	
Version	Date
1.00.00.01	11/8/2006, original full production release
1.02.00.01	2/6/2007

VCA Boot File	
Version	Date
1.00.00.01	11/8/2006, original full production release
1.01.00.01	2/6/2007
1.02.00.01	10/2/2007

Firmware Update Files

SC Main File	
Version	Date
1.00.00.02	11/8/2006, original full production release
1.01.00.02	11/30/2006
1.03.00.02	1/30/2007
1.04.00.02	5/25/2007
1.05.00.02	7/12/2007
1.06.00.04	10/2/2007

VCA APP File	
Version	Date
1.00.00.01	4/5/2007, original full production release
1.03.00.01	5/25/2007
1.04.00.02	7/12/2007
1.05.00.02	10/2/2007

IP Firmware File	
Version	Date
2.00.58	11/8/2006, original full production release
2.50.50.43	7/12/2007