

TECHNICAL BULLETIN VG5 800 Series AutoDome CCTV

Autofocus “Focus Hunting”

October 25, 2012

Issue Severity:

- High: Act immediately
- Medium: Bosch Security Systems strongly recommends you take the action(s) described below.
- Low: Advisory

Products Affected:

- VG5-825-ECEV
- VG5-825-ETEV

1.0 Issue

A VG5-825 series AutoDome may experience issues when attempting to focus on a scene. The AutoDome may appear to be “focus hunting,” where the focus may move between the near and far focus limits. The exact issue differs depending on the AutoFocus mode: One Push or Automatic.

One Push AutoFocus

The One Push mode is the default AutoFocus mode. In this mode, the AutoDome attempts to resolve the focus in five seconds by quickly focusing near and far to achieve the optimal focus based on the scene. It has been observed that while in One Push mode and faced with a challenging scene that the AutoDome will set the focus to a less than optimal focus.

Constant AutoFocus

If the AutoDome is set to Automatic AutoFocus, the camera may continuously hunt for the optimal focus for an extended period of time before setting the focus to a less than optimal focus.

2.0 Resolution

There is no workaround that will completely eliminate the focus hunting issue. The following tips may improve the time an AutoDome takes to set the focus and may help to optimize the focus target:

- Set the AutoFocus mode to One Push to limit the time the camera uses to set the focus. To set the AutoFocus mode:
 - Navigate to the URL for the AutoDome.
 - Click the Settings link at the top of the Livepage. Then, click the Advanced link in the left pane to expand the options.
 - Click the Camera link, and then click the Lens Settings link.
 - Select One Push in the AutoFocus selection box.
- Issue a PTZ command or resend the preset command (if the scene is stored as a preset). These actions will force the camera to attempt autofocus again on the scene.
- Contact Bosch Repair if the performance has not improved using the recommendations above. Advise and request RA stating you are experiencing “focus hunting”.



BOSCH