

Technical Bulletin:

Operational Guidelines for Guard and Preset Tours

Introduction

The mechanical drive platform of the AUTODOME series is designed to provide reliable preset accuracy and extended product life. To optimize your AUTODOME performance, refer to this guide for operational suggestions.

Models Affected:

AUTODOME IP 4000i	AUTODOME IP starlight 5000i
AUTODOME IP 5000i	AUTODOME IP starlight 5000i IR
AUTODOME IP 5000i IR	AUTODOME IP starlight 7000 HD

Continuous Guard Tours

Guard Tours are an effective way of monitoring the entire scene; however, if not configured properly, continuous Guard Tours can reduce the service life of your camera.

- It is recommended to keep the camera zoom lens set at a wide angle during the recording of the Guard Tour. Use a preset tour if significant changes in zoom are required.

Continuous Preset Tours

Preset tours should be used where specific parts of a scene need to be monitored at regular time intervals. For scenarios that require the camera to be in continuous motion for most of the day, the camera must be configured to use a Preset Tour.

- For best results, always ensure that the preset tour has a dwell time of at least 10-20 seconds. In extreme low-light scenes, you may need to increase the dwell time to more than 10 seconds to help with focus time.
- Save Presets with One Push ("Spot Focus") only.

Continuous Autopan between limits

Panning at a configured pan speed (default = 30 degrees per second) between two pre-positions at the same horizontal viewing level. This operation would be recommended for covering large areas such as parking lots or fencing perimeters.

- It is recommended to keep the camera zoom lens set at a wide angle during Autopan between limits. The optimal pan speed will be scene dependent.
- Reduction of the pan speed will increase the longevity of pan operation and improve overall image quality.