

Title:	Uneven Banding on Monitor	Version:	v1.0	Date:	052016
Product:	D5T Turbo Cameras	Page:	1 of 3		
Action Required:	Add filter, as needed (see text)				

Summary: Uneven Horizontal Banding on Monitor Reported

There have been reports of monitors displaying uneven horizontal banding with certain cameras. This bulletin addresses which cameras are affected and a solution to the problem.

- **Camera Models Affected**

D5T Series of TurboHD cameras with DC power supply.

Affected Models	DS-2CE56D5T-IT3
	DS-2CE56D5T-VFIT3
	DS-2CE56D5T-IR3Z
	DS-2CE16D5T-IT3
Recommended Power Filter Material Code	101503305

- **Example**

From top to bottom, the picture is divided into several horizontal bands with differing brightness. Figures 1 and 2.

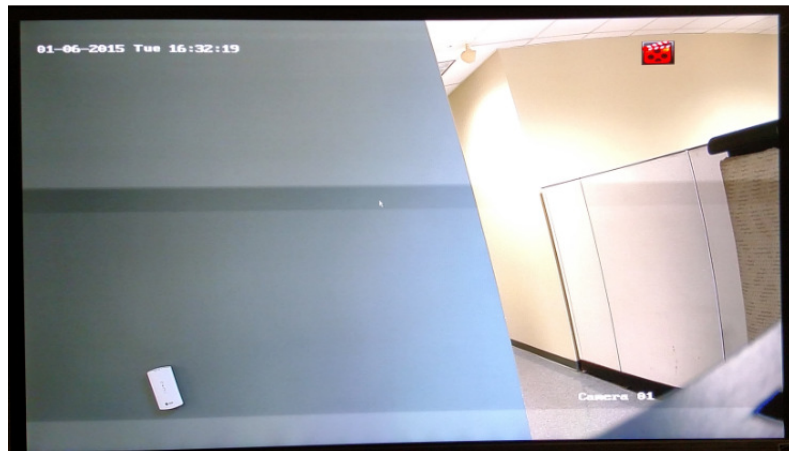


Figure 1, Color Display with Uneven Horizontal Banding

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Figure 2, Black and White Display with Uneven Horizontal Banding

- **Cause**
Possible power interference between each camera with centralized DC power supply.
- **Solution**
Add an inline power line filter to the camera's power cable, Figure 3.

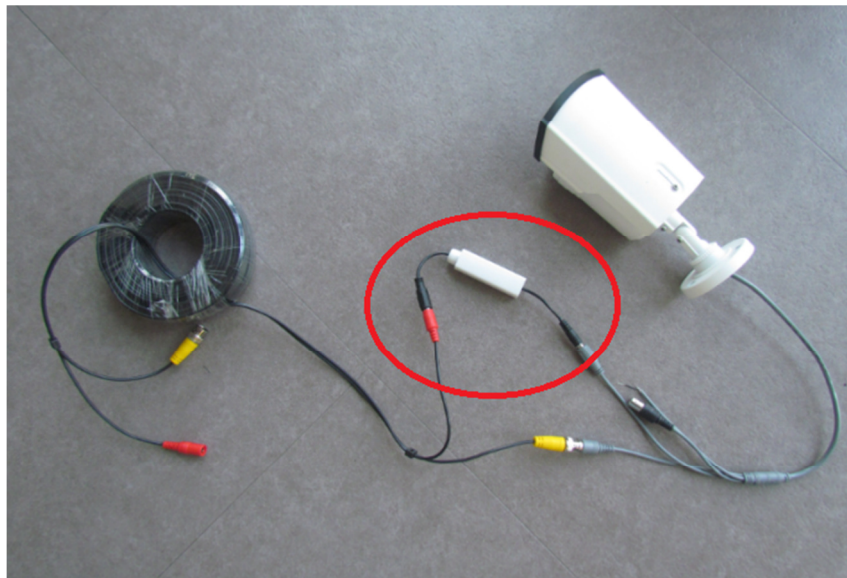


Figure 3, Inline Power Line Filter

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- **Display Comparison**

Figure 4 shows an affected display with and without a power line filter.



Figure 4, Comparison of Display without Power Filter (left) and with Power Filter (right)

Product Ordering

Order Power Line Filters, Material Code 101503305, through ???