

# Technology Main Features:

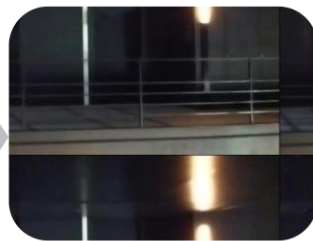
## Smart 3D DNR (Digital Noise Reduction)

The Smart-DNR technology provides clearer images using unique algorithms designed to reduce video noise. It cleans electronic noise signals that reduce the clarity of the image and effect motion detection settings with various recording technology.

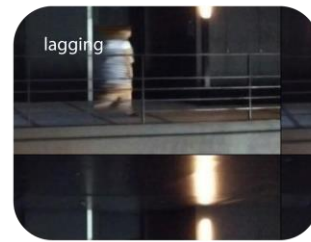
Conventional DNR may cause lagging when motion occurs



Digital Noise Reduction OFF



Digital Noise Reduction ON



lagging



No lagging

Smart DNR detects motion and adjust the DNR level to eliminate lagging and provide a clear image

## Smart IR

The breakdown of the video image into five (5) zones allows for an even distribution of the IR, which prevents excessive illumination of near-field reflective objects.



## True Day/ Night with IR Cut Filter (Supported Models Only)

To get a better image at night, the camera turns on IR cut filter glass when it detects a specific color data in the environment. When this occurs, the image will turn from Color to Black-and-White and vice-versa.



Night-time  
True Day/ Night OFF



Day-time  
Color



Night-time  
True Day/ Night ON