



**Title:** i-SPEED 7 SERIES LENS RETENTION

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iX Cameras manufactures two Nikon F lens mounts for the i-SPEED 7 range of cameras: one for D lenses with manual aperture, and one for G lenses with no aperture ring. With each generation of cameras many improvements are made. One of these improvements is tighter retention of the lens (to limit lens movement). This is achieved by using a much more robust spring lever to hold the lens tight to the camera lens plate.

The images below and on the following page show a Nikon SLR mount, an iX Cameras i-SPEED 3 Nikon Mount and an iX Cameras i-SPEED 7 Nikon mount. I-SPEED cameras are used in more challenging environments than normal Nikon SLR cameras, and therefore we manufacture with a strong retention spring.

When performing analysis (specifically 3-D analysis) it is essential that the lens should not move. Although the lens may be stiffer to rotate and click into position, the new spring lever is better for lens retention and ensures that lenses will be correctly retained over the whole life of the product.

#### **Nikon SLR**



#### **i-SPEED 3**





**i-SPEED 7**

