

Soft Touch Video

Removing Dust and Scratch Marks using DIGITAL ICE Technology

You can remove stubborn dust and scratch marks as you scan your originals using DIGITAL ICE Technology. DIGITAL ICE Technology removes dust marks that the Dust Removal setting cannot. However, it takes longer to scan and uses more system resources. It is best to first try removing dust marks using the Dust Removal setting before trying the DIGITAL ICE Technology setting.

Note: Do not use the DIGITAL ICE Technology setting to scan originals that do not contain dust or scratch marks as your scanned images may appear distorted. Images scanned with DIGITAL ICE Technology may appear softer than your original images.

Digital ICE works by building a record of defects in the image during scanning. Scanners normally work with three input channels - red, green, and blue. Scanners equipped with Digital ICE add a fourth channel called the D channel (defect channel). During scanning information on defects, surface dirt, and scratches is collected. Digital ICE then applies a series of algorithms (formulas) to rebuild the missing information. The result is scans that are scratch free and dust free even if the original film has serious defects.

