

# Imapro QCR-3548<sup>®</sup> Film Recorder



*Capture the future with a QCR-3548<sup>®</sup> 8,000 line film recorder. The innovative QCR-3548<sup>®</sup> has been engineered to combine state-of-the-art photographic quality with traditional film recorder technology. Take your images up to 8,000 line resolution and experience true color imaging. The QCR-3548<sup>®</sup> film recorder offers a range of resolutions to meet the expanding needs of professional photographers, labs and service bureaus.*

# Features & Benefits



## QCR Trade-up Program

- \* Trade in any film recorder against a QCR-3548<sup>®</sup>. Ask your dealer for more information on current trade-up programs

## Superior Quality Output

- \* Negative and positive film output
- \* 8,000 line resolution
- \* Includes a 35mm 36 exposure camera module
- \* 100% digital imaging technology
- \* Photographic quality

## Price Performance

- \* Superior price/quality ratio
- \* Supported by major software manufacturers
- \* Most affordable 8k film recorder on the market today

## Product Protection

- \* 35mm bulk modules available
- \* Upgrade to a 16k or 32k film recorder

## Convenient and User Friendly

- \* Easy to use
- \* Supports TIFF and PostScript<sup>™</sup> formats
- \* PC Windows<sup>™</sup> and Mac compatible

## Customer Support

- \* Worldwide sales and service support
- \* Service locations throughout the U.S. and Canada

## For More Information Contact

- \* Professional Marketing Services  
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Phoenix, Arizona 85044

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\*QCR<sup>®</sup> family of film recorders are trademarks of Imapro Corporation  
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# Main Features

## of the QCR-Zi Film Recorder

### ***Photographic Quality Digital 4x5's***

...the QCR-Zi produces 4x5 film that is comparable in optical quality to film conventionally exposed using a quality 4x5 camera.

### ***100% Digital***

...the QCR-Zi images by actually stopping at each pixel point across the CRT face and exposing the film before moving on to the next pixel point. This makes the QCR-Zi a true digital film recorder. Most film recorders are part digital, part analog, as they scan continuously across the CRT tube and expose each pixel point as they pass it, which results in "soft" images.

### ***Low Dmin***

...Dmin is a measure of how bright a white can be produced on film. The smaller the number the more transparent the film will be and the brighter the white will appear. The QCR-Zi produces a .21D at 8K resolution. Kodak obtains .18D as a rough spec for the best white it can produce on 6105 and 6117 film. Most film recorders produce a DMin of .24 to .35.

### ***Image Rotation***

...because the QCR-Zi is 100% digital and can scan either horizontally or vertically, it can rotate an image 90 degrees 'on the fly' within the camera. This means that where other film recorders require the image to be rotated within a software program (which can take a long time for an 8K, 150MB file!), the QCR-Zi can accept a portrait image as is and simply scan the film vertically to accommodate it.

### ***2 Point Calibration***

...the QCR-Zi calibrates by measuring the intensity at both the 1.0D step and at 2.0D. The 1.0D step is what Kodak calls the speed of the film (speed step), which is a measure of the average exposure of the film. The 2.0D step (color step) measures the color saturation of the film. A 2 point calibration system allows the QCR-Zi to produce brilliant, saturated colors. Most film recorders use a 1 point (speed step) calibration which produces images that are visibly less saturated than the QCR-Zi.