

# iQ-VIEW vs. eFilm

FEATURE COMPARISON 2023

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# 1. INTRODUCTION

IMAGE Information Systems offers the medical device component called iQ-VIEW. eFilm is an end-of-life medical viewer. They all have their specific features, advantages and disadvantages.

## 1.1 PURPOSE OF DOCUMENT

This document gives an overview of these viewing solutions and their main features, which makes it a great comparison tool for distributors and/or customers.

## SUMMARY Table

	iQ-VIEW	iQ-VIEW PRO	iQ-VIEW 3D	eFilm
Description	Multimodality reading station	Multimodality reading station	3D post-processing viewer	Multimodality reading station + 3D post-processing viewer
<b>Primary Target Group</b>	General, Ortho, Chiro, Vet, scan/print/import station	Radiologists, Nuclear Medicine Specialists	Radiologists	Radiologists
<b>Standard measurements</b>	✓	✓	✓	✓
<b>Specific measurements</b>	✓✓	✓✓	✓	✓
<b>Center/ Window</b>	✓	✓	✓	✓
<b>Cine Mode</b>	✓	✓	✓	✓
<b>Annotations</b>	✓✓	✓✓✓	✓✓	✓✓
<b>Color remapping for nuclear medicine</b>	✓	✓	✓	✓
<b>Creation/ Display of DICOM Structured Reports</b>	C/D	C/D	C/D	-
<b>Comparison of multiple studies</b>	✓	✓	✓	✓
<b>Scoutlines</b>	✓	✓	✓	✓
<b>Series synchronization</b>	✓	✓	✓	✓
<b>Image sharing</b>	✓	✓	✓	-
<b>TWAIN scanner interface</b>	✓	✓	✓	✓
<b>CD/DVD burning</b>	✓	✓	✓	✓
<b>Multimonitor support</b>	✓*	✓*	✓**	✓*
<b>Hanging Protocols</b>	-	✓	-	✓
<b>Creation / Display of DICOM Presentation States</b>	D	C/D	D	C/D
<b>Automatic previous study management</b>	-	✓✓	-	✓
<b>MPR</b>	-	-	✓✓	✓
<b>MIP</b>	-	-	✓	<b>Optional plugin</b>
<b>VRT, Cropping</b>	-	-	✓	<b>Optional plugin</b>
<b>Device Support</b>	Windows ≥ 10	Windows ≥ 10	Windows ≥ 10	Windows ≤ 7

\* Study browser on one display and viewer on same, 2<sup>nd</sup> and/or 3<sup>rd</sup> display

\*\* Study browser on one display and viewer on same, 2<sup>nd</sup> and/or 3<sup>rd</sup> display, iQ-3D on 4<sup>th</sup> display

## Thick Client Viewers

	iQ-VIEW	iQ-VIEW PRO	iQ-VIEW 3D	eFilm
<b>Description</b>	Multimodality reading station	Multimodality reading station	3D post-processing viewer	Radiology reading station + 3D post-processing viewer
<b>Primary Target Group</b>	Orthopedists, Chiropractors, Veterinarians	Radiologists, Nuclear Medicine Specialists	Radiologists	Radiologists
<b>Standard measurements</b>	Distance, ratio, square ROI, circular ROI, ellipse ROI	Distance, ratio, square ROI, circular ROI, ellipse ROI	Distance, ratio, square ROI, circular ROI, ellipse ROI	Distance, ratio, ellipse ROI
<b>Specific measurements</b>	<b>Ortho/ chiro/ trauma:</b> Angle, Cobb angle, hip dysplasia angle, 3D measurement	<b>Ortho/ chiro/ trauma:</b> Cobb angle, perpendicular distance, ratio, point-to-line distance, interior angle, hip dysplasia angle	<b>Ortho/ chiro/ trauma:</b> Cobb angle, ratio, hip dysplasia angle	<b>Ortho/ chiro/ trauma:</b> Angle, Spine labelling <b>Oncological:</b> SUV
<b>Center/ Window</b>	✓	✓	✓	✓
<b>Cine Mode</b>	✓	✓	✓	✓
<b>Annotations</b>	Can be stored in secondary capture images	Can be stored in secondary capture images or DICOM presentation states	Can be stored in secondary capture images	Can be stored in secondary capture images or DICOM presentation states
<b>Color remapping for nuclear medicine</b>	Standard	10 options for nuclear medicine	✓	5 options for nuclear medicine
<b>DICOM Structured Reports</b>	Creation and display	Creation and display	Creation and display	-
<b>Comparison of multiple studies</b>	✓	✓	✓	✓
<b>Scoutlines</b>	✓	✓	✓	✓
<b>Series synchronization</b>	✓	✓	✓	✓
<b>Image sharing</b>	DICOM Email	DICOM Email	DICOM Email	-

	iQ-VIEW	iQ-VIEW PRO	iQ-VIEW 3D	eFilm
<b>TWAIN scanner interface</b>	✓	✓	✓	✓
<b>CD burning</b>	iQ-LITE included	iQ-LITE included	iQ-LITE included	DICOM viewer included
<b>Multimonitor support</b>	Study browser on one monitor and viewer on 2 <sup>nd</sup> and 3 <sup>rd</sup> display	Study browser on one monitor and viewer on 2 <sup>nd</sup> and 3 <sup>rd</sup> display	Study browser on one monitor, iQ-VIEW viewer on 2 <sup>nd</sup> and 3 <sup>rd</sup> display, iQ-3D on 4 <sup>th</sup> display	Study browser on one monitor and viewer on 2 <sup>nd</sup> and 3 <sup>rd</sup> display
<b>Hanging Protocols</b>	-	✓	-	✓
<b>DICOM Presentation States</b>	-	✓	-	✓
<b>Automatic previous study management</b>	-	✓	-	If locally available
<b>MPR</b>	-	-	✓	Rotating axes
<b>Other 3D Tools</b>	Integration with iQ-3D, Philips ISP or Siemens Syngo	Integration with iQ-3D, Philips ISP or Siemens Syngo	VRT, SSD, MIP/MinIP, Cropping, Clipping	Via Plugin: VRT, MIP/MinIP, Fusion
<b>Device Support</b>	Windows ≥ 10	Windows ≥ 10	Windows ≥ 10	Windows ≤ 7

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