



The **Siemens Cios Alpha** is a mobile C-arm that offers high-definition 2D imaging. The C-arm comes with Retina technology for excellent images along with CARE technologies for the right dose for each individual case, giving you the perfect balance between image quality and dosages. The CIO Alpha comes with a 30 cm x 30 cm full view flat view panel detector.

Features

- Large field of view with a 30 cm x 30 cm (12" x 12") flat detector
- Square FD image providing 25% more coverage than conventional image intensifiers
- Smart collimation system allowing up to 25% more coverage 2 even during image rotation
- Optimal transformation of the X-rays the detector receives into outstanding images
- IDEAL (Intelligent Dose Efficiency Algorithm) for optimal balance of image quality and dose
- Consists of five elements: Retina FD technology, Retina Calibration, Retina Board, Retina Exam Sets, IDEAL dose reduction



Specifications

Detector technology	Flat detector (FD)
Field of view	30 cm x 30 cm (12" x 12") 20 cm x 20 cm (8" x 8")
Image resolution	1.5 K ² 1 / 1 K ²
Power Output	25 kW1 / 12 kW
Orbital movement	148° (- 51.5° to + 96.5°)
Immersion depth	73 cm (28.7")
Free space	85 cm (33.5")
Monitors	2 x 19" premium high bright 2 x 19" high bright
Image storage	100.000 / 150.000 images
WLAN	Yes
Clinical applications and work flows	
Vascular software	Standard and Premium
Live Graphical Overlay	Yes
Stenosis quantification	Yes
2D Measurement	Yes
Injector trigger interface	Yes
Navigation interface	NaviLink 2D
Cooling system tube	Active
SmartView - HD VideoManager	Yes
CARE program	Yes

