



# OEC One CFD

See more. Do more.



# OEC One CFD



Image quality is essential across procedures and surgical settings, including in tight spaces. With OEC One CFD, experience the image quality expected from OEC C-arms and the clinical versatility needed in a compact, all-in-one mobile C-arm.

See more with the Clear View image chain delivering 1:1 image detail from a CMOS flat panel detector to a 4K 27" image display monitor, and with advanced imaging features like Live Zoom.

Do more with a synchronized workflow across procedural settings with OEC One CFD's connected OEC Touch control panel and positioning aids designed to help achieve the imaging precision you need.

## Clear View of anatomy

- Clear View image chain delivers 1:1 image detail from CMOS detector to 4K display
- Capture anatomy as needed with the choice of 31 cm and 21 cm CMOS detector sizes
- Position display with five ranges of motion for easy viewing at surgeon's line of sight

## Across procedural settings

- Point-and-shoot imaging offered in three configurations to suit clinical demands
- Aid surgical accuracy with image planning and positioning features
- Five-minute standby power supports quick transport needs and protects against patient data loss

## All-in-one workflow

- Optimize surgical space with connected display on one-piece C-arm
- Synchronize workflow with OEC Touch control panel
- Streamline clinical team's communication for timely image adjustments and C-arm positioning



# Clear View of anatomy



## See anatomy as needed

- See fine details such as 0.014” guidewires in peripheral vascular when using Roadmap
- Live Zoom up to 4X on imaged anatomy during live fluoro with no change in X-ray technique
- Minimize retakes with Fluorostore to see most recent exposure again and save any prior frame as new static image
- Bring display closer to surgical field\* and adjust to surgeon’s line of sight



## Imaging precision, displayed 1:1

### Detect more

- Detect detail with CMOS flat panel detector (CFD)
- Enjoy better image quality at low dose compared to a-Si detectors
- CFD technology provides full resolution at full frame rate

### Process more

- OEC One Clear View image chain delivers optimized image to display
- 1.5k x 1.5k image processing
- Transfers more data\* from detector to display for 1:1 image detail

### Display more

- Easily see large 30 cm (11.8”) live and reference images on 4K 27” monitor
- View high resolution images clearly on Ultra-High-Definition display
- Rotate images without data loss with 100% Squiracle image preserved

\*Compared to 1k x 1k image processing on OEC One.

\* Compared to OEC Brivo.

# Across procedural settings

Capture images with OEC One CFD's simple point-and-shoot functionality for a variety of procedures from orthopedic to vascular. Choose from three configurations and two CMOS detector sizes to meet your clinical demands.



## Plan purposefully

- Outline device or anatomy of interest on screen with Digital Pen
- Measure distance and angles, and annotate pre-operatively
- Roadmap directly from Subtraction exclusively with foot pedal commands

## Position accurately

- Reach deep angles with 55° Overscan
- Easily position with comfortable radial dial brakes and long C-arm handles
- Quickly align to anatomy with laser aimers\* on detector and/or tube

## Easily transport

- One-piece system simplifies moving from room to room
- Push easily with ergonomic steering handles
- Transport without restarting with 5-minute standby power

\*Optional.  
Images obtained from investigational device, limited by United States law, to investigational use.



### Optimize space

- Small compact C-arm with all-in-one design
- Fits in tight spaces or small operating rooms
- Less crowding streamlines clinical workflow

### Synchronize workflow with OEC Touch

- OEC Touch control panel view synchronized to surgeon's display
- Immediately adjust images or utilize planning and positioning tools as needed for surgeon
- Easily zoom in and out, pan to area of interest and rotate live image
- Quickly access needed commands: laser aimers\*, Live Zoom, Digital Pen, and Fluorostore
- Swipe between four screens featuring intuitive OEC icons for easy operation

## All-in-one workflow

Streamline communication between surgeon and technician with the integrated OEC Touch control panel designed to facilitate timely image adjustments and C-arm positioning. From a small pain management office to a crowded OR, optimize space and clinical workflow with OEC One CFD.



\*Optional.

# OEC One CFD

All-in-one Mobile C-arm

## All-in-one

Small footprint  
Fits in tight spaces

## Imaging precision

1:1 image detail from CMOS flat panel detector (CFD) to 4K 27" UHD Display

## Field of View

21 cm or 31 cm CMOS flat detector options

## View more anatomy

11.8" Squircle images  
100% preserved when rotated

## Clear detail

View 4x image size with Live Zoom  
See guidewires as small as 0.014"  
1.5 k x 1.5 k image processing

## See again

Review most recent exposure  
with Fluorostore

## Dose control

Finger-removable anti-scatter grid  
Low dose mode

## Extended reach

55° Overscan  
95° Underscan



## Synchronize workflow

Live image mirrored on OEC Touch  
Simple commands for adjustment  
Select up to 4 mode pairs, including Digital Spot

## Accurately plan & position

Enhance procedure planning with Digital Pen  
Adjust display to line of sight with articulating arm  
Color-coded radial dial brakes  
Green laser aimers\*  
Long C-arm handles

## Standby power

Five-minute standby data protection and  
transport power

## Save confidently

150,000 image storage

## Powerful

2.5 kW  
40 kHz frequency  
Smart Technique heat management

## Secure

Linux-based operating system

## Wireless options\*

Footswitch  
DICOM  
Printing

\*Optional.

See more. Do more.

ORTHOPEDIC • SPINE • GENERAL SURGERY • UROLOGY • PAIN MANAGEMENT • VASCULAR

Availability of select models, configurations, and options varies by country.  
Please contact your local sales representative.

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